SERVICE MANUAL

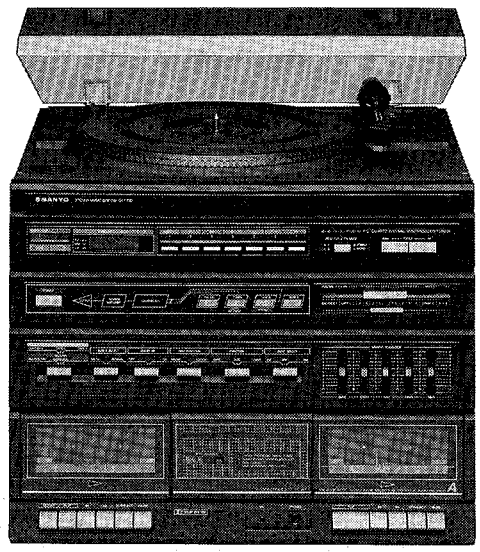
STEREO MUSIC SYSTEM

SANYO

GXT 230

(WEST GERMANY)

A027



SPECIFICATIONS

AMPLIFIER SECTION
Output power
at 1kHz, 10% THD, 8 ohms load.....15W/ch.
Total Harmonic Distortion
Rated output, −3dB 0.2%
Frequency Response (−3dB).....20Hz — 30kHz

TUNER SECTION
FM
Usable Sensitivity (46kHz Dev.)
Mono.....20dBf
Stereo.....40dBf
Signal-to-Noise Ratio
Mono.....65dB
Stereo.....60dB
Total Harmonic Distortion
Mono.....0.5%
Stereo.....1.0%
Image Rejection (at 98MHz).....60dB
LW/MW
Frequency Range
LW.....153 — 360 kHz
MW.....522 — 1611 kHz
Sensitivity (S/N 20dB)
LW.....1000μV/m
MW.....400μV/m
Image Rejection (at 1400 kHz).....40dB
Total Harmonic Distortion 1.0%
Signal-to-Noise Ratio (Unweighted).....40dB

PHONO SECTION
Wow & Flutter (Weighted).....0.1%
Speed Accuracy .....±2.0%
Signal-to-Noise Ratio (Weighted).....50dB

DUAL CASSETTE DECK SECTION
Wow & Flutter (JIS Weighted)
Tape Deck A/Tape Deck B.....±0.1%
Frequency Response (±3dB)
Tape Deck A (Play).....40 Hz — 12.5 kHz
Tape Deck B (Rec./Play)
Normal Tape.....40 Hz — 12.5 kHz
CrO_2 Tape .....40 Hz — 14 kHz
Signal-to-Noise Ratio (CCIR Weighted)
Tape Deck A (Play)
Dolby NR On 60dB
Dolby NR Off.....50dB
Tape Deck B (Rec./Play)
Dolby NR On 60dB
Dolby NR Off.....50dB
Total Harmonic Distortion (at 1kHz)
Tape Deck A (Play).....1.5%
Tape Deck B (Rec./Play) 1.5%
Erase Ratio (at 1kHz)
Tape Deck B 65dB

GENERAL
Power Source .....220V AC, 50 Hz
Dimensions (W x H x D) .....420 x 390 x 375 mm

NOTE: Specifications are subject to change without notice.

Reference No. WM-18028

ALIGNMENT PROCEDURES

MW LW ALIGNMENT

INSTRUMENT: AM IF Sweep Generator, AM RF Signal Generator, VTVM, and Oscilloscope.

NOTE: Place the controls and switches in the following positions unless otherwise instructed.
FUNCTION...TUNER position
BAND SELECT...MW/LW position VOLUME...0 (minimum)
BALANCE...0 (center) GRAPHIC EQUALIER...0 (center)
Speakers...A pair of test speakers are connected. (8 ohm load)
Keep the input signal level as low as possible to avoid the AVC action.

MW IF ALIGNMENT

Step	Generator Connection	Input Signal	Receiver, Dial Setting	Test Equipment Connection	Adjustment
1	Loop Antenna	450kHz 1kHz 30% mod. 100kμV/m	522kHz	Oscilloscope to TP6	Tune T3 for maximum output.

* BAND SELECT: MW Position.

MW RF ALIGNMENT

Step	Generator Connection	Input Signal	Receiver, Dial Setting	Test Equipment Connection	Adjustment
1	No Connection	No Signal	522kHz	Connect VTVM across TP9 and ground. (TP3)	Adjust L8 for 1.2V DC.
2		No Signal	1,611kHz		Adjust CT5 for 7.8V DC.
3	Loop Antenna	603kHz 1kHz 30% mod. 400μV/m	603kHz	Connect VTVM's in parallel with the test speakers. Adjust VOLUME Control for 2V reading on the VTVM's	Tune L7 for maximum output.
4		1,404kHz 1 kHz 30% mod. 400μV/m	1,404kHz		Tune CT4 for maximum output.
Repeat step 1 and 2, and repeat step 3 and 4.					

LW RF ALIGNMENT

Step	Generator Connection	Input Signal	Receiver, Dial Setting	Test Equipment Connection	Adjustment
1	No Connection	No Signal	153kHz	Connect VTVM across TP9 and ground (TP3)	Adjust L10 for 1.2V DC.
2		No Signal	360kHz		Adjust CT7 for 7.8V DC.
3	Loop Antenna	155kHz 1kHz 30% mod. 400μV/m	155kHz	Connect VTVM's inparallel with the test speakers. Adjust VOLUME Control for 2V reading on the VTVM's.	Tune L9 for maximum output.
4		355kHz 1kHz 30% mod. 400μV/m	355kHz		Tune CT6 for maximum output.
Repeat step 1 and 2, and repeat step 3 and 4.					

ALIGNMENT PROCEDURES

FM ALIGNMENT

INSTRUMENT: FM IF Sweep Generator, Stereo Signal Generator, FM Generator, VTVM, and Oscilloscope.

NOTE: Place the FUNCTION switch in the TUNER position and BAND SELECT switch in the FM position.
Leave all other selectors and switches in the positions as under NOTE of AM ALIGNMENT unless otherwise instructed.

FM IF ALIGNMENT

Step	Generator Connection	Input Signal	Receiver Dial Setting	Test Equipment Connection	Adjustment
1	Dummy antenna (See Figure 1)	98.0MHz 1kHz, 100% mod. 65.2dBf	98.0MHz	Connect VTVM across TP4 and TP5.	Adjust T2 for less than 20mV.
2				Connect distortion meter in parallel with the test speakers.	Adjust IFT in the TUNER PAC for less than 0.3%.
Repeat step 1 and 2.					

FM MUTING LEVEL ADJUSTMENT

Step	Generator Connection	Input Signal	Receiver Dial Setting	Test Equipment Connection	Adjustment
1	Dummy antenna (See Figure 1.)	98.0MHz 1kHz 100% mod. 21.2dBf	98.0MHz	Connect VTVM across TP6 and TP7 (ground)	Adjust SVR1 for lighted LED in the Tunning Indicator.

* STEREO Position

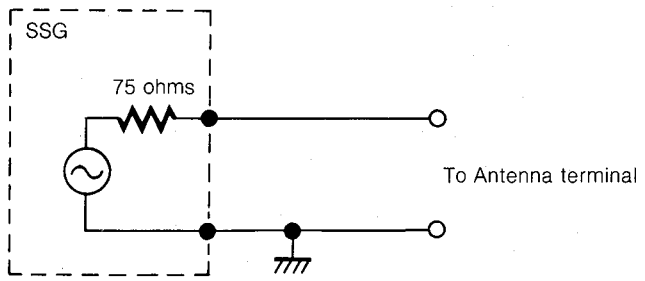


Figure 1

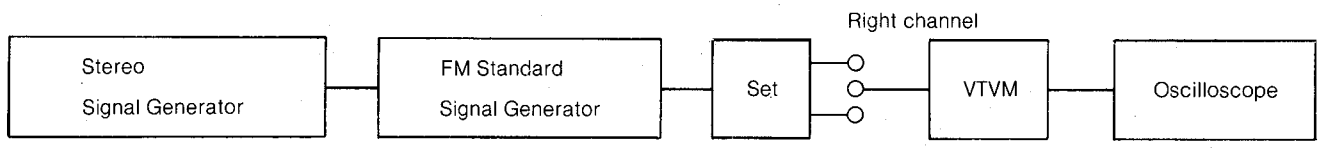


Figure 2

CASSETTE AMP ALIGNMENT

No.	Alignment	Setting	Instrument	Connection	Adjusted component	Adjustment
1	OSC frequency	TAPE B RECORD	Frequency counter	TP101	L207	102.5Hz±0.1kHz

*S608: POSITION STEREO (FUNCTION: TUNER. BAND: MW)

CASSETTE ALIGNMENT

(a) Output level alignment

Input Signal	Component to be Adjusted		Test Point	Adjustment
200nwb/m (MTT-150) (Dolby level Calibration)	TAPE A	SVR101 (102)	CP102 Pin No.3 (1)	580mV
	TAPE B	SVR103 (104)		

NOTE ( ) bracket: Right channel
Non bracket: Left channel

(b) Bias current alignment

Setting	Component to be Adjusted	Test Point	Adjustment
REC mode & NORMAL	SVR107 (108)	TP101 (202) Pin No.3 (1)	4.5mV

NOTE ( ) bracket: Right channel
Non bracket: Left channel

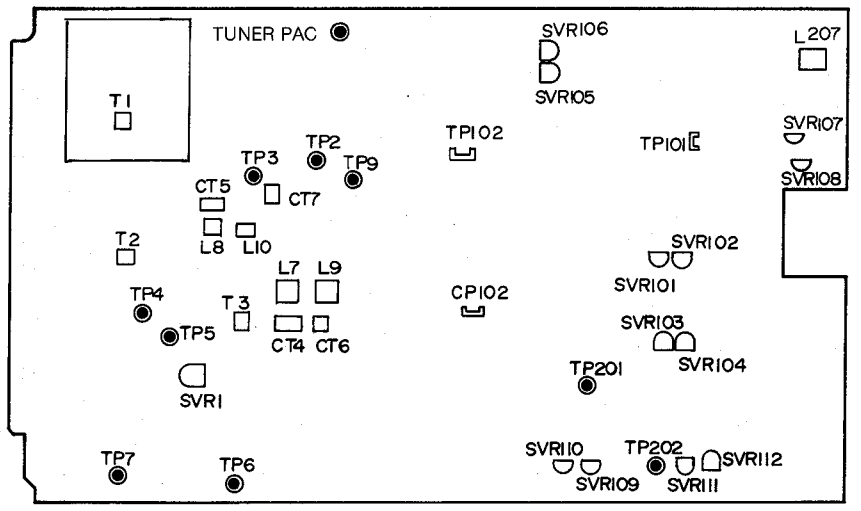
(c) R/PB level alignment

1. Record	2. Play back	
Input Signal 400mV, 400Hz at AUX TERMINAL Setting: Attenator 245mV at CP102 PIN 3 (1)	Measure the output level at CP102 PIN3 (1)	Repeat Step 1 and 2 untill playback output reading at CP102 is 245mV by adjusting SVR105 (106).

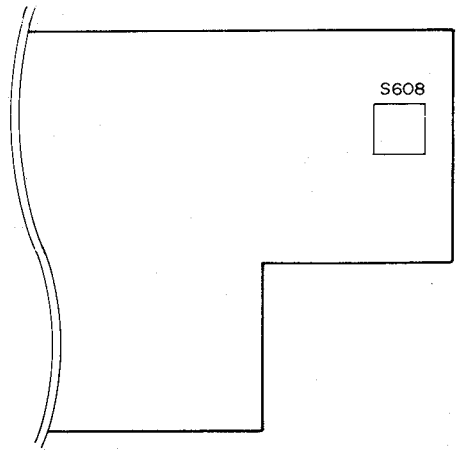
NOTE ( ) bracket: Right channel
Non bracket: Left channel

ALIGNMENT POINT

MAIN P.C.B.



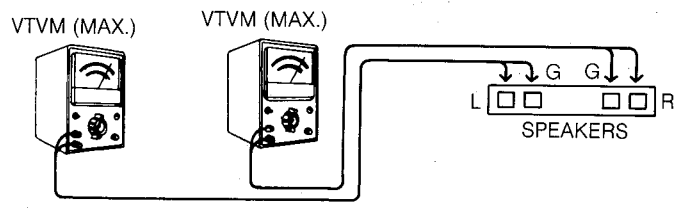
CONTROL P.C.B.



ALIGNMENT PROCEDURES

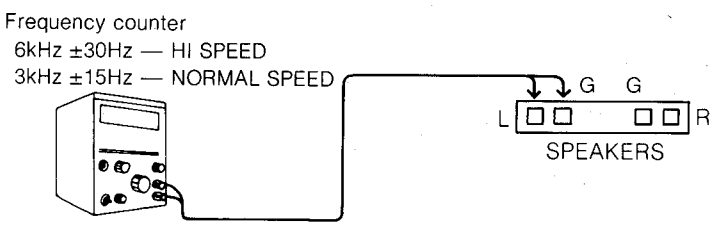
HEAD AZIMUTH ADJUSTMENT

1. Load test tape MTT-114 in the cassette case.
2. Connect a VTVM to the LEFT SPEAKERS terminal and another VTVM to the RIGHT SPEAKERS terminal.
3. Place the tape deck in the PLAY mode.
4. Adjust the head azimuth adjusting screw for maximum playback output on the VTVM's.



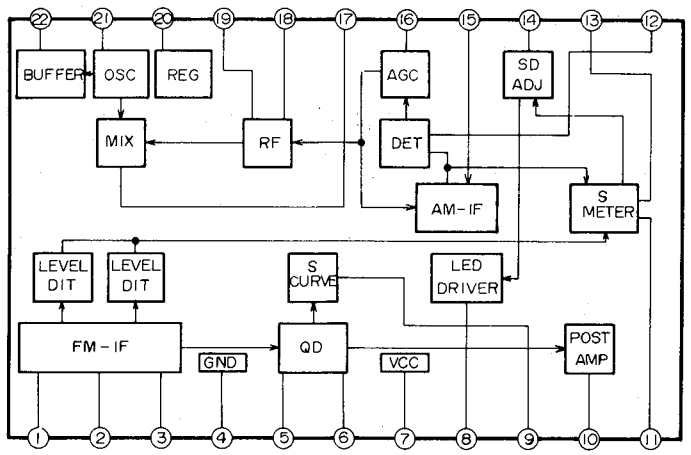
TAPE SPEED ADJUSTMENT

1. Load test tape MTT-111 which has been recorded with a 3,000Hz test signal.
2. Connect the frequency counter to the LEFT SPEAKERS terminal in parallel with the VTVM.
3. Place the tape deck in the PLAY mode.
4. TAPE A(B) HI SPEED ADJUSTMENT
   - 4-1. Connect TP201 and TP202.
   - 4-2. Adjust SVR110(112) for 5970Hz to 6030Hz reading on the frequency counter.
5. TAPE A(B) NORMAL SPEED ADJUSTMENT
   - 5-1. Open TP201 and TP202.
   - 5-2. Adjust SVR109(111) for 2985Hz to 3015Hz reading on the frequency counter.

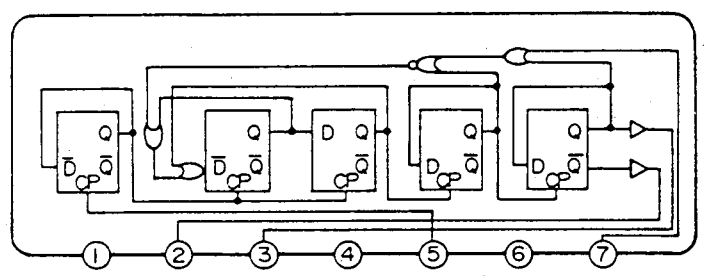


IC BLOCK DIAGRAM

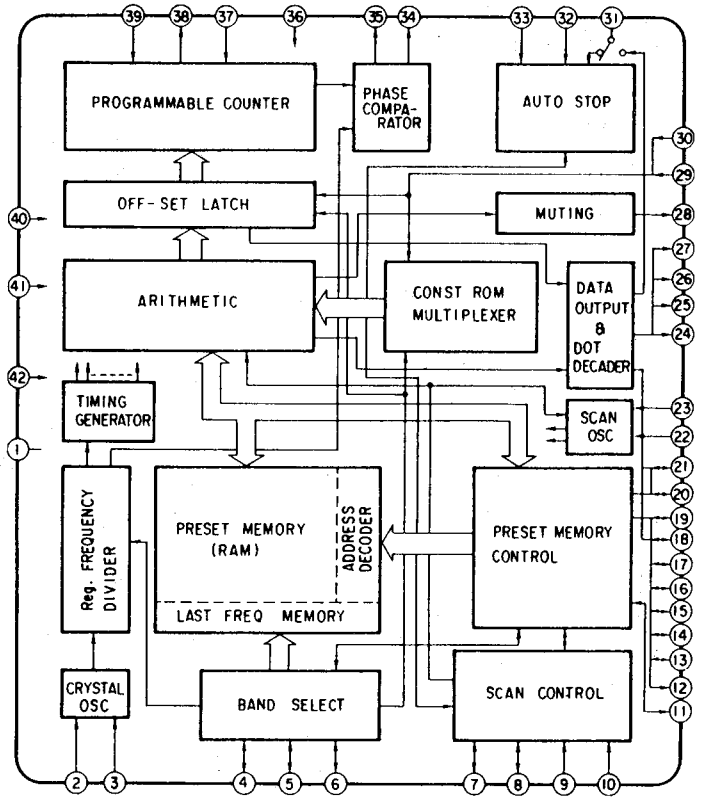
LA1265T



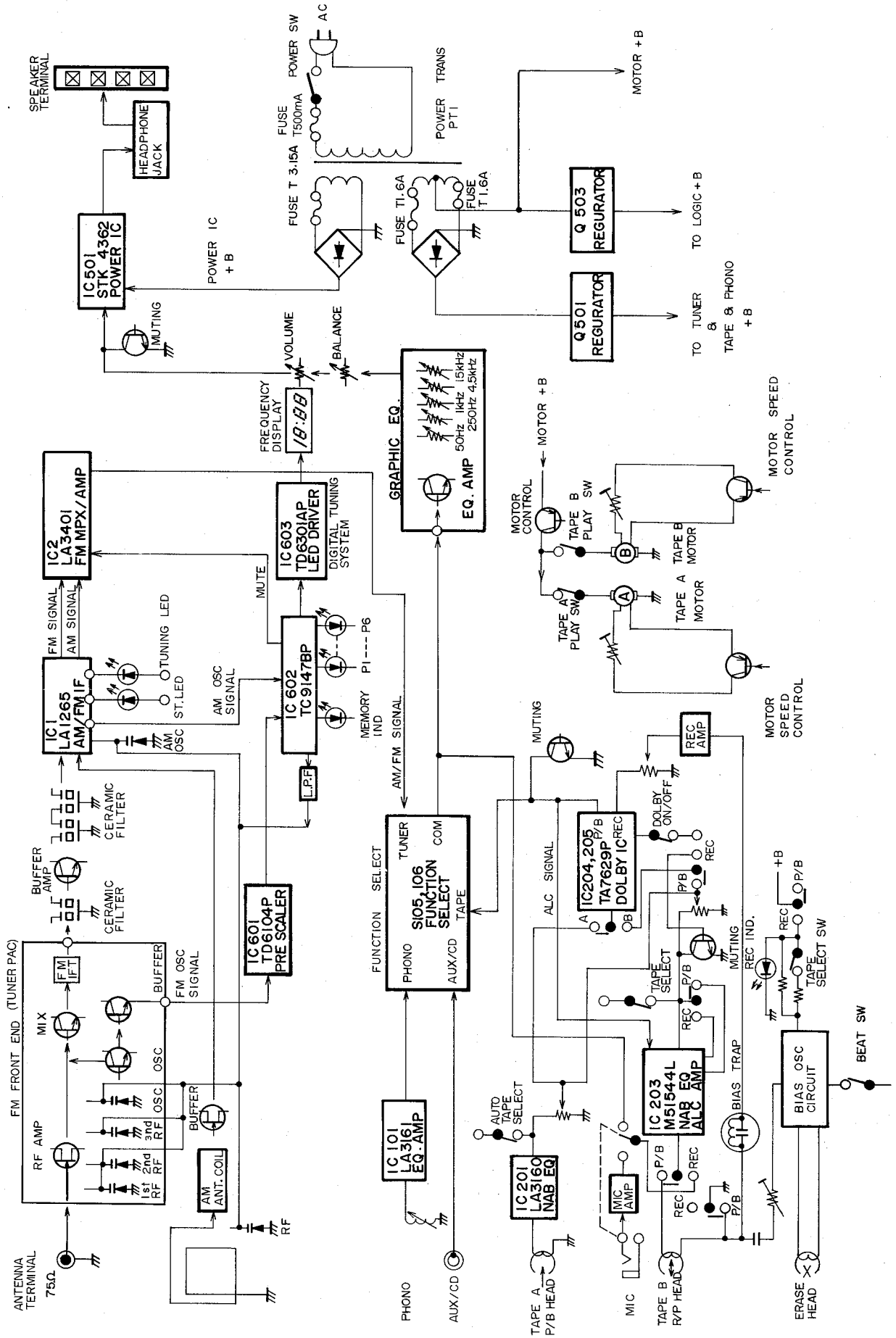
TD6104P



TC9147BP

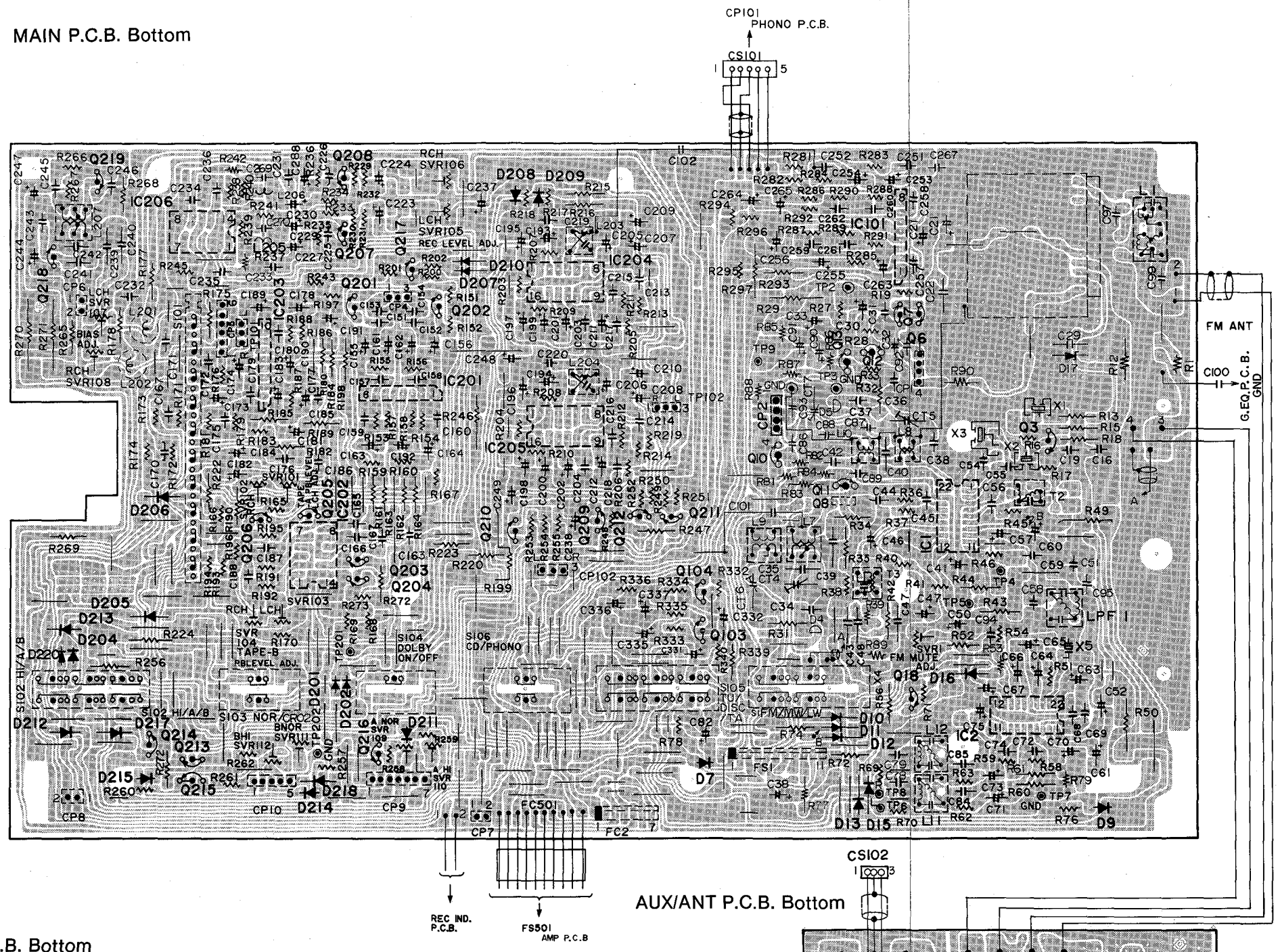


BLOCK DIAGRAM

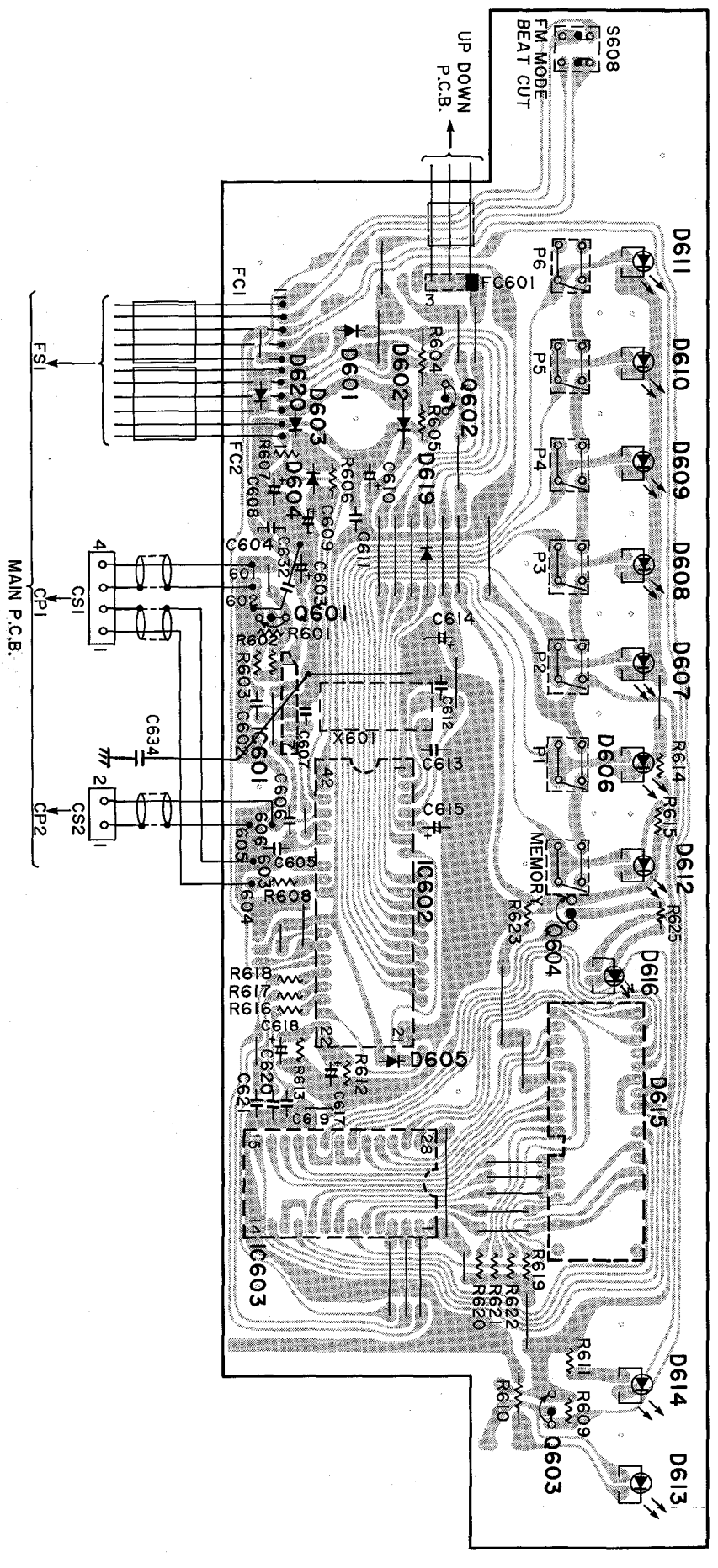


WIRING DIAGRAM

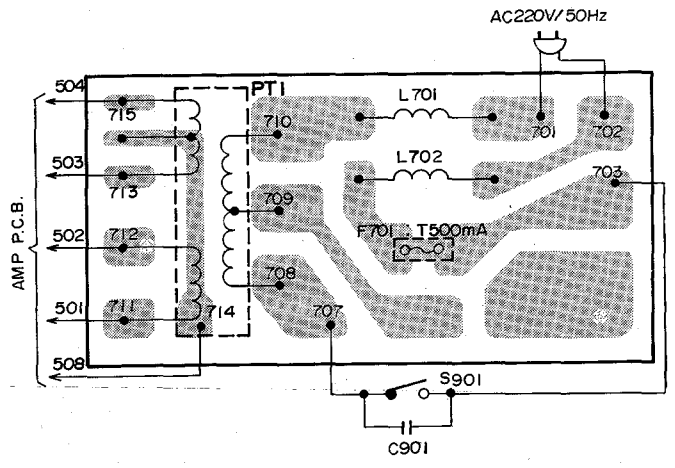
MAIN P.C.B. Bottom



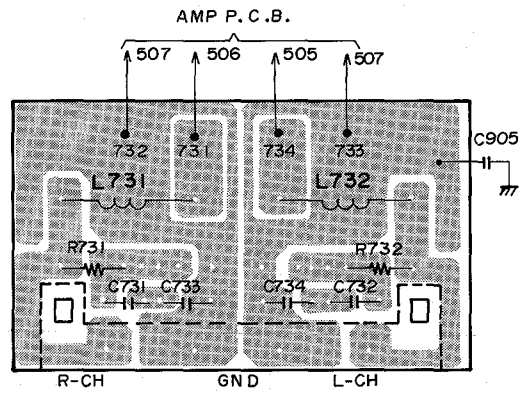
CONTROL P.C.B. Bottom



FILTER P.C.B. Bottom

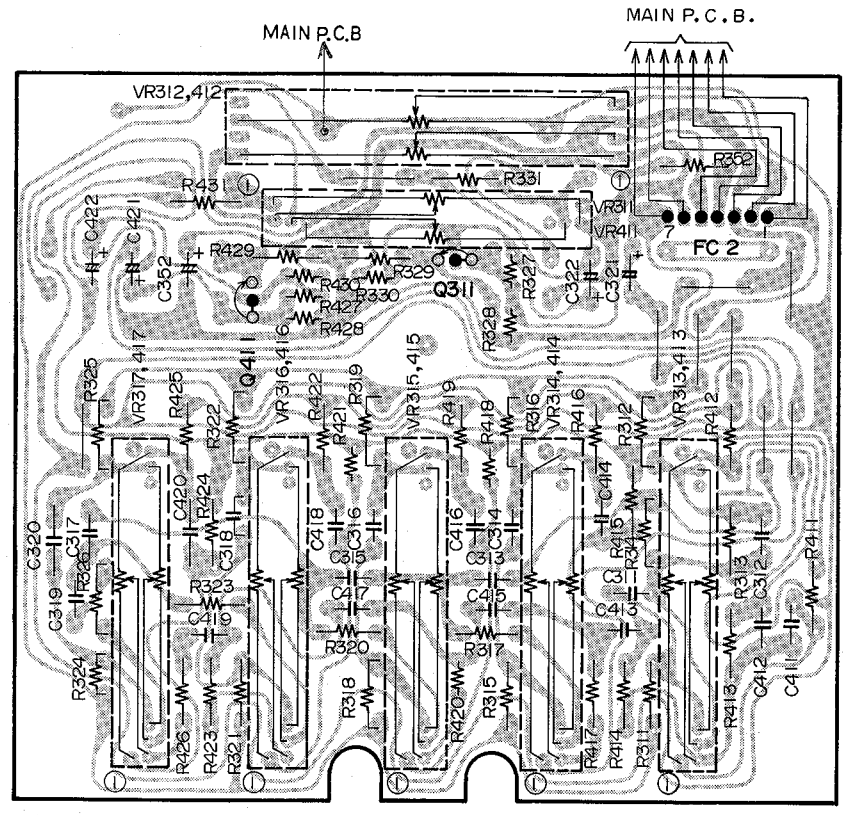


SP. FILTER P.C.B. Bottom

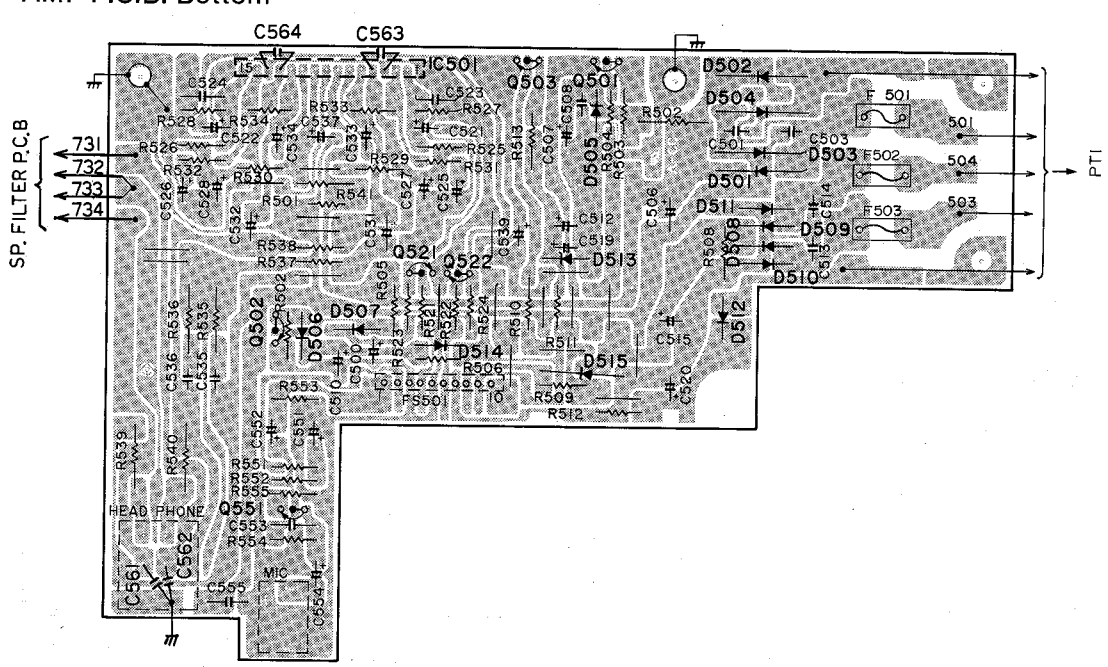


WIRING DIAGRAM

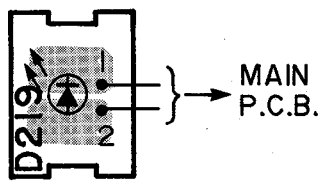
G.EQ. P.C.B. Bottom



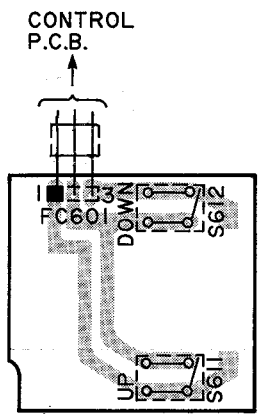
AMP P.C.B. Bottom



REC IND. P.C.B. Bottom



UP DOWN P.C.B. Bottom



SCHEMATIC DIAGRAM

IC PIN VOLTAGE

IC No.	PARTS NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	CONDITION
IC1	LA1265T	2.3	2.3	2.3	0	12.7	12.7	12.7	4.9	3.4	3.1	1.7	1.5	0.5	0.5	2.3	1.5	0	0	0.2	3.9	3.9	2.8																					FM
		1.1	1.1	1.1	0	12.6	12.6	12.6	4.9	3.6	3.0	1.7	1.6	0	0	1.1	1.5	12.7	2.0	2.0	3.7	3.7	1.6																					MW
IC2	LA3401	3.3	3.3	3.3	3.3	5.9	3.3	3.3	5.9	3.3/3.8	0	0/3.8	0	3.4	5.0	0.3/5.6	1.7/2.8	2.9	2.7	2.8	2.8	3.4	2.7																					FM (MONO/STEREO)
		3.2	3.2	3.3	3.2	5.8	3.2	3.2	5.8	3.2	8.1	0	0	3.5	0	0	2.9	9.6	5.2	3.9	7.8	1.8	12.5																					MW
IC101	LA3161	1.3	0.8	2.9	13.5	0	2.8	0.8	1.3																																			——
IC201	LA3161	1.3	0.8	3.6	10.1	0	3.6	0.8	1.3																																			——
IC202	M74LS05P	0.4	0.2	4.9	0.2	4.9	0.2	0	0	0.3	0	0.3	0.4	0.4	4.9																													NORMAL
		0.4	4.5	4.9	0.2	4.9	0.2	0	0.2	4.2	0.2	4.2	4.5	0.4	4.9																													CROM
IC203	M51544L	1.2	0	5.7	0	0	11.0	5.7	0	1.2	9.3																																	——
IC204	M74LS05P	0.4	4.1	4.1	0.2	0.3	0.2	0	0	0	0.2	0.3	0.2	4.1	4.9																													REC NORMAL
		0.4	4.1	4.1	0.2	4.9	0.2	0	0	0	0.2	4.9	0.2	4.1	4.9																													REC CROM
		4.5	0.4	0.4	0	0.3	0.2	0	0	0	0.2	0.3	0	0.4	4.9																													HI DUB NORMAL
		4.5	0.4	0.4	0	4.9	0.2	0	0	0	0.2	4.9	0	0.4	4.9																													HI DUB CROM
IC205 IC206	TA7629P	12.8	6.5	0	6.4	6.4	6.5	0	6.5	6.5	6.5	10.4	6.5	6.5	6.9	7.5	9.3																											DOLBY OFF
		13.4	6.8	0	6.7	6.7	6.7	0	6.8	6.7	6.8	0.3	6.8	6.8	7.2	6.8	6.6																											DOLBY ON
IC501	STK4362	11.0	10.6	0	0	22.1	5.1	43.3	0	42.1	5.2	22.5	0	0	10.6	11.0																													——
IC601	TD6104P	5.1	4.5	4.1	0	3.7	3.7	2.2																																				FM
IC602	TA9147BP	0	2.1	1.8	5.3	0	0	4.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.1	5.1	1.2	5.1	1.2	1.2	0	2.3	5.0	5.2	5.2	5.2	5.2	FM
		0	2.1	1.9	0	5.6	0	4.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.1	5.1	0.8	5.1	1.1	1.2	0	5.0	0	2.2	5.2	5.2	5.2	MW
IC603	TD6301AP	5.1	0	0	0	3.7	0.8	0.8	1.8	0.8	0.8	1.8	0.8	0.8	0	1.8	0.8	0.8	1.9	0.8	0.8	1.9	0.8	0.8	1.9	0.8	0.8	5.1																MW (522KHZ)
		5.1	0	0	0	3.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.9	0	1.7	1.7	1.8	0.8	0.8	0.8	0.8	0.8	1.8	0.8	0.8	1.7	0.8	5.1																FM (87.5MHZ)

UNIT : (V)

TR PIN VOLTAGE

TRNo.	PARTS NAME	B (D)	C (S)	E (G)	CONDITION
Q3	2SC2839	2.3	12.2	1.6	FM
Q6	2SC536	0.7	2.9	0	FM
Q7	2SC536	1.2	2.9	0.7	FM
Q8	2SK315	7.2	0	0	MW
Q10	2SC536	0.7	0	0	MW
Q13	2SC536	1.2	6.7	0	MW
Q18	2SC536	0.7	0	0	FM
		0	2.7	0	MW
Q103 Q104	2SC536	10.4	14.1	9.8	——
Q201 Q202	2SC536	0.7	0	0	NORMAL SPEED
		0.4	0.2	0	HIGH SPEED
Q203 Q204	2SC536	0	0.1	0	PLAY (NORMAL)
		4.9	4.5	4.5	PLAY (CROM)
		0.9	0.1	0.2	HI SPEED DUB.
Q207 Q208	2SC536	1.5	7.1	1.0	——
Q205 Q206	2SC536	0	0	0	PLAY
		0.8	0.1	0	REC

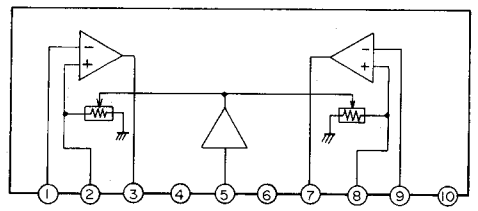
TRNo.	PARTS NAME	B (D)	C (S)	E (G)	CONDITION
Q209	2SA1318	14.7	0	14.9	PLAY
		14.0	14.7	14.8	REC
Q210	2SC3400	0	14.7	0	MOTOR ON
		0.3	14.7	0	MOTOR OFF
Q211 Q212	2SC536	0	0	0	PLAY
		0.8	0.1	0	REC
Q213	DTC124	4.0	0	0	NORMAL SPEED
		0.3	12.0	0	HIGH SPEED
Q214	2SA950	14.5	0	14.1	MOTOR ON
		13.5	14.2	14.2	MOTOR OFF
Q215	2SA1318	12.7	13.3	13.4	MOTOR ON
		1.3	1.8	1.8	MOTOR OFF
Q216	2SA1318	12.6	13.2	13.3	MOTOR ON
		0	0	0	MOTOR OFF
Q217	2SC536	0.8	0.1	0	PLAY
		0.7	0.1	0	REC

TRNo.	PARTS NAME	B (D)	C (S)	E (G)	CONDITION
Q218	2SC2240	0.8	0.1	0	BEAT CUT 1
		0.4	0	0	BEAT CUT 2
Q219	2SC2120	0.6	5.6	0.3	REC (NORMAL)
		0.6	7.8	0.4	REC (CROM)
Q311 Q411	2SC536	0.8	4.2	0.2	——
Q501	2SD1406	15.4	29.0	14.9	——
Q502	2SC536	0.7	0.2	0	——
Q503	2SD1406	6.3	13.3	5.7	——
Q521 Q522	2SC536	0.2	0	0	——

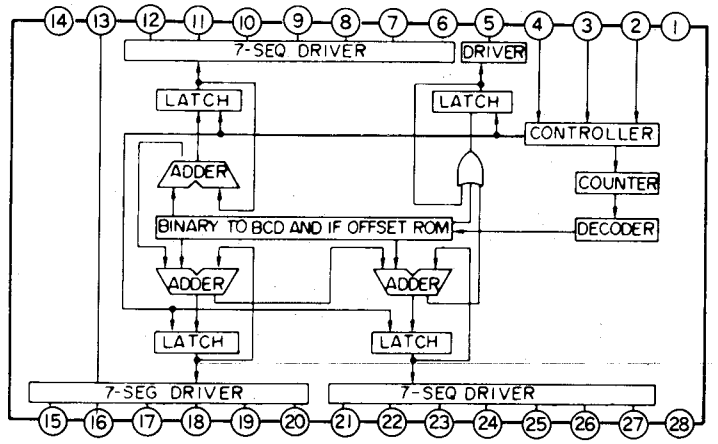
TRNo.	PARTS NAME	B (D)	C (S)	E (G)	CONDITION
Q551	2SC536	0.7	3.8	0.1	——
Q601	2SC2839	0.8	4.1	0	FM
Q602	2SC536	0.7	0.1	0	FM
		0	1.8	0	MW
Q603	2SA1018	5.2	0	5.1	FM
		5.1	0	5.1	MW
Q604	2SC536	0.7	0	0	FM (0.05MHZ)
		0	3.7	0	MW (0.00MHZ)

UNIT : (V)

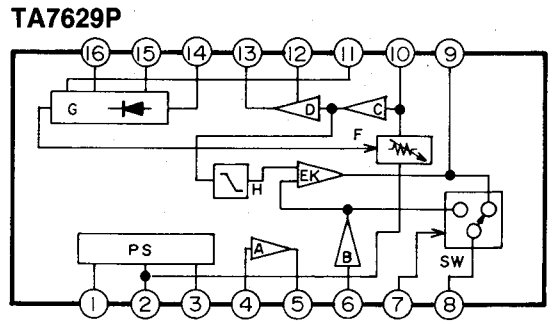
M51544AL



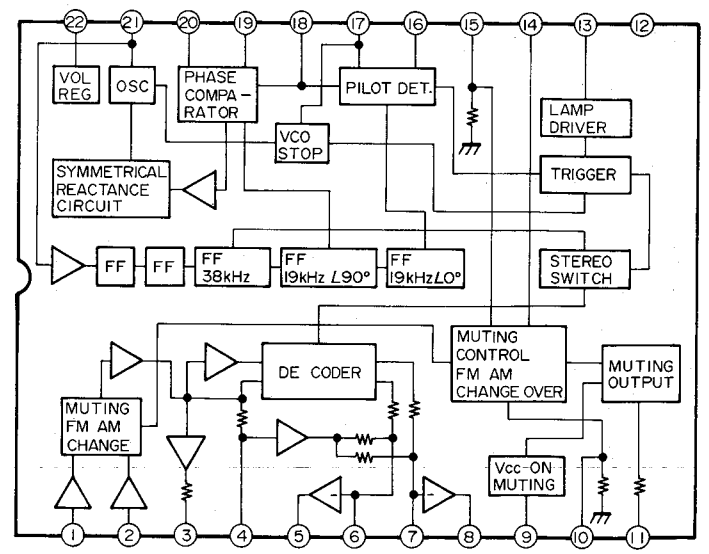
TD6301AP



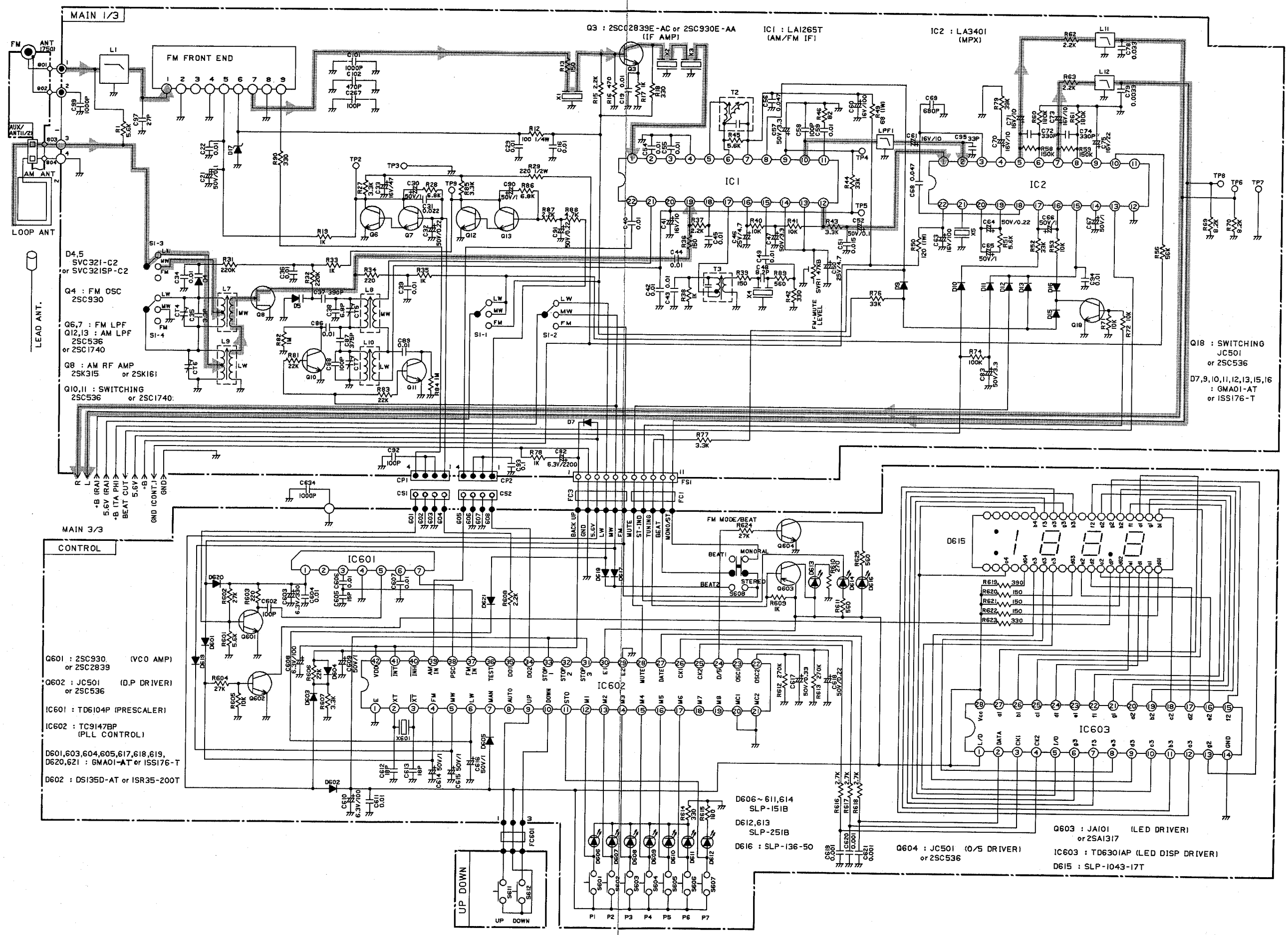
TA7629P



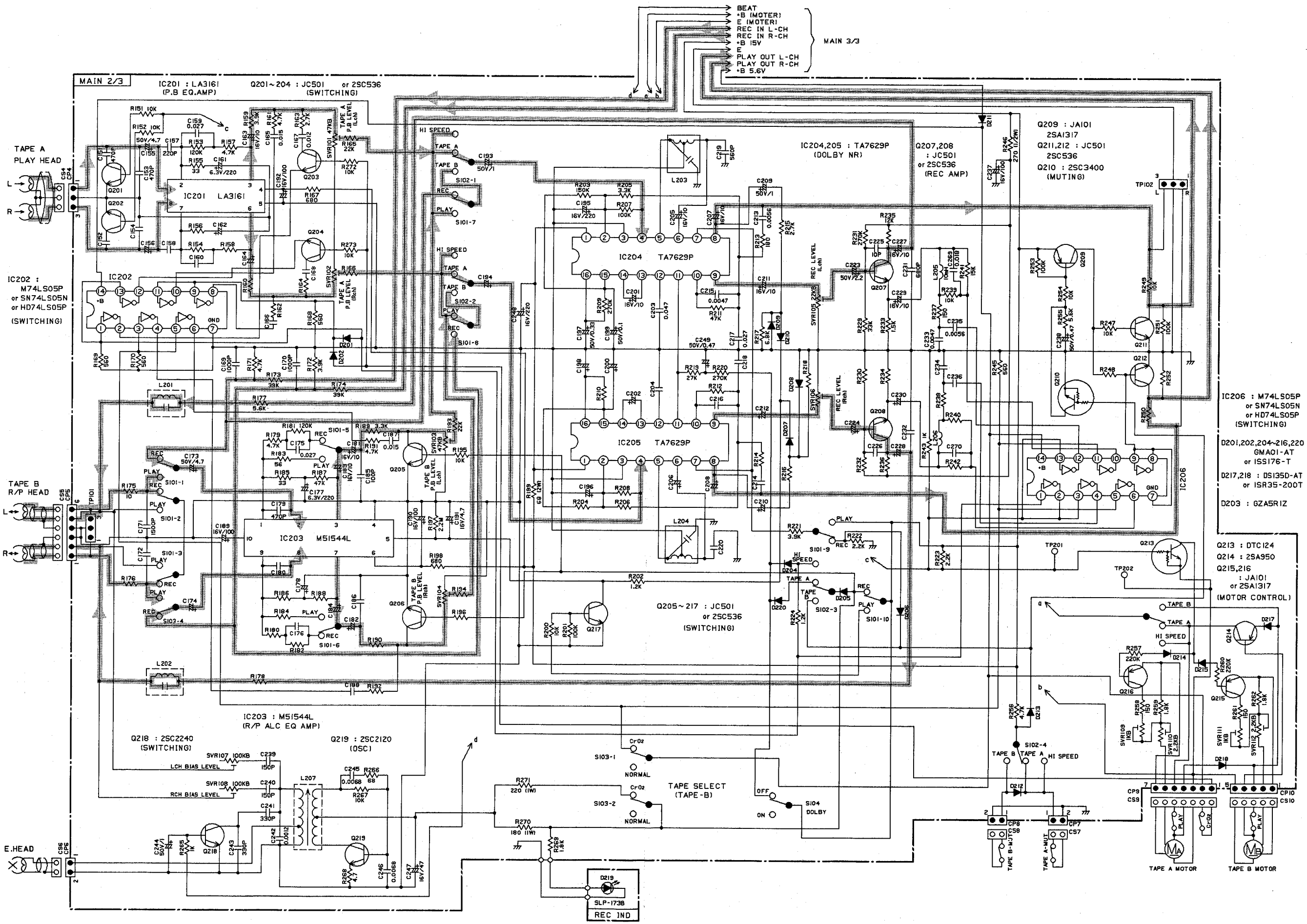
LA3401



SCHEMATIC DIAGRAM



SCHEMATIC DIAGRAM



SCHEMATIC DIAGRAM

PRODUCT SAFETY NOTICE

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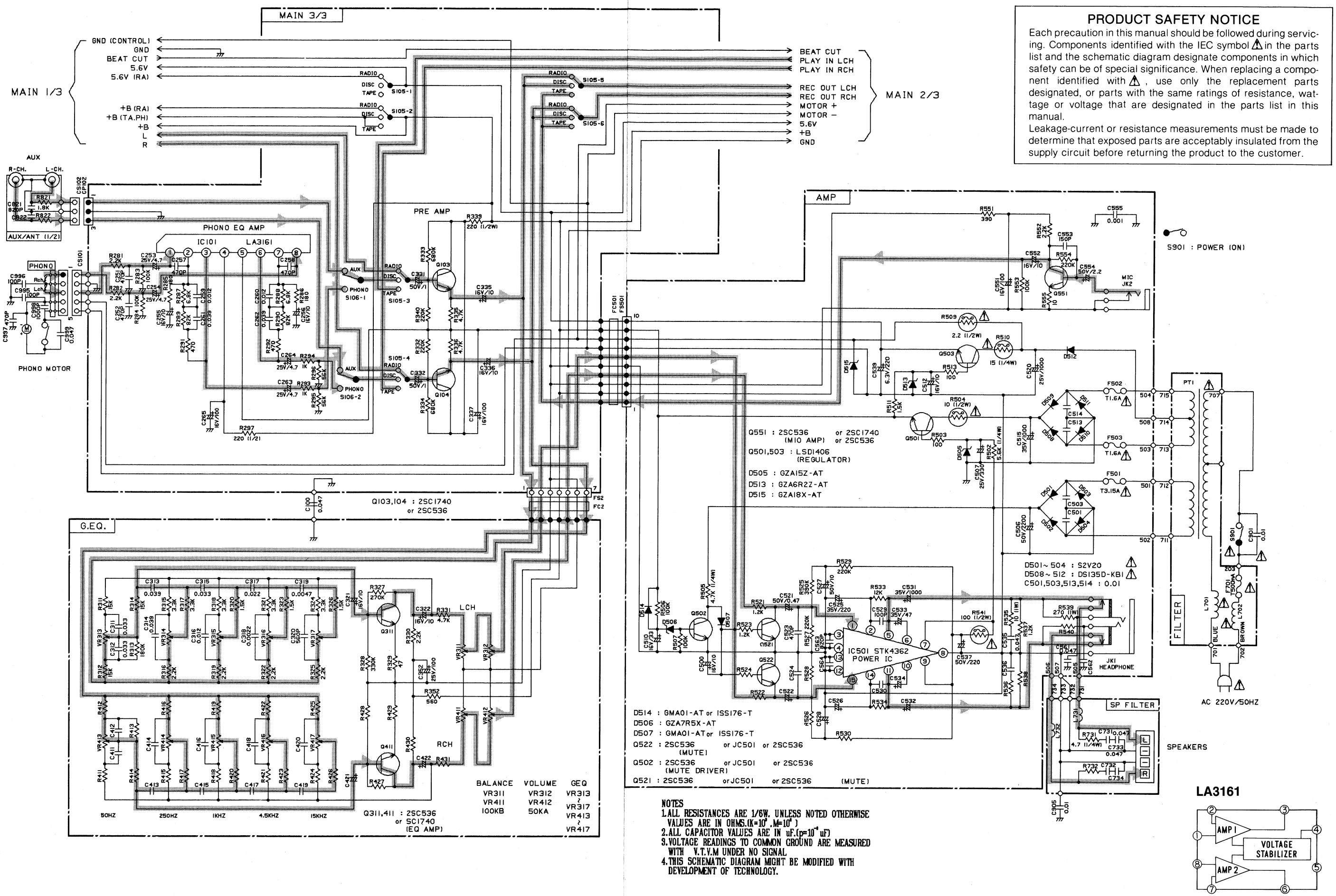
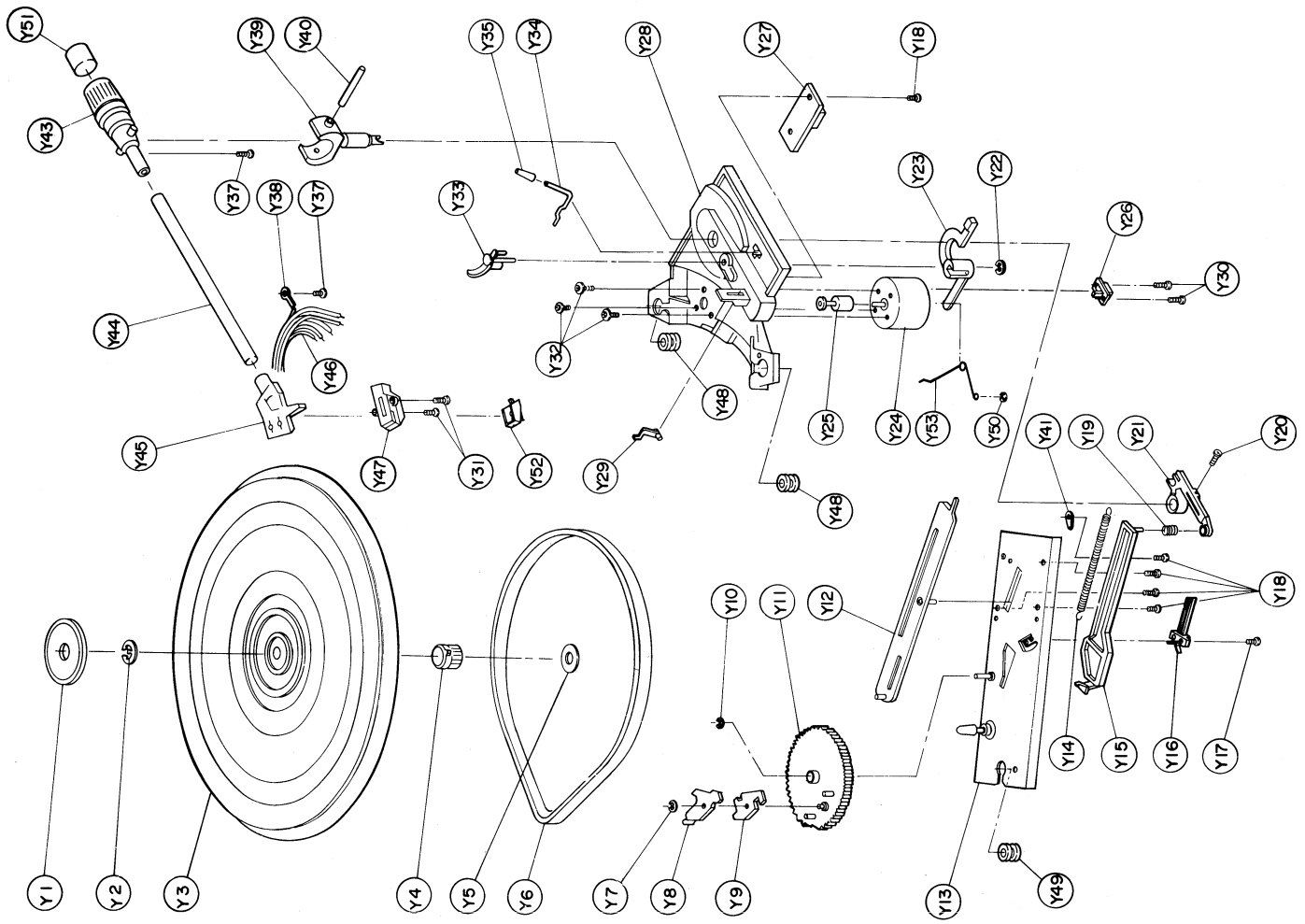
Leakage-current or resistance measurements must be made to determine that exposed parts are acceptably insulated from the supply circuit before returning the product to the customer.



NOTES
1. ALL RESISTANCES ARE 1/6W. UNLESS NOTED OTHERWISE VALUES ARE IN OHMS. (K=10^3, M=10^6)
2. ALL CAPACITOR VALUES ARE IN uF. (p=10^{-4} uF)
3. VOLTAGE READINGS TO COMMON GROUND ARE MEASURED WITH V.T.V.M UNDER NO SIGNAL
4. THIS SCHEMATIC DIAGRAM MIGHT BE MODIFIED WITH DEVELOPMENT OF TECHNOLOGY.

LA3161

EXPLODED VIEW (PLAYER MECHANISM)

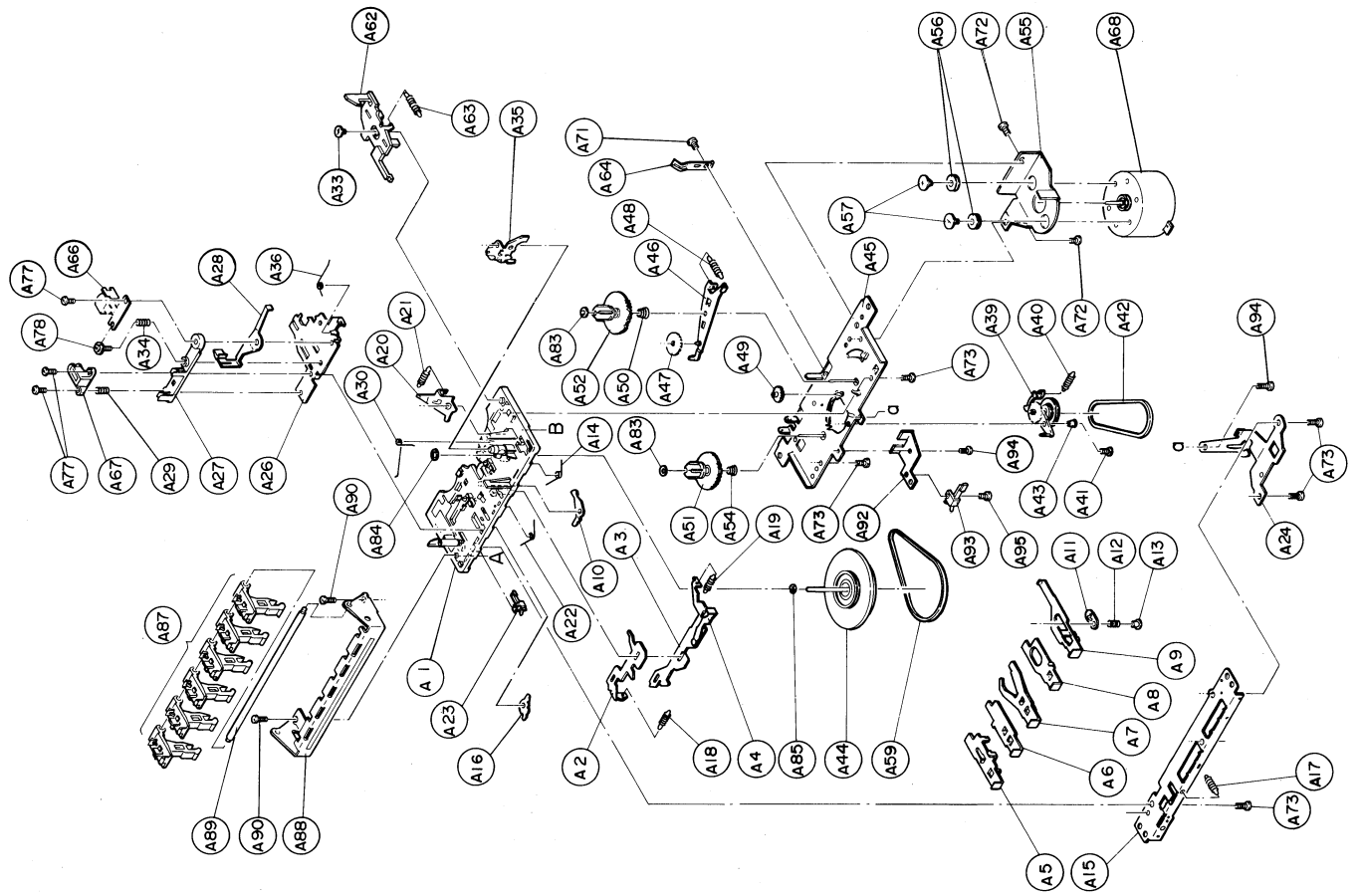


PARTS LIST (PLAYER MECHANISM)

Ref.No	PART No.	DESCRIPTION	Q'ty
PLAYER MECHANISM (R-S57403)			
Y1	AV-HP37-043	ADAPTOR	1
Y2	W-SNUR50	E-RING,5	1
Y3	AV-HP37-033-04	TURNTABLE	1
Y4	AV-HP37-011	PINION	1
Y5	AV-QT22-050	SPECIAL WASHER,NILON	1
Y6	AV-HP37-045	FLAT BELT	1
Y7	AV-HP19-001	SPECIAL WASHER	1
Y8	AV-HP38-008	CLUCH,PAWL	1
Y9	AV-HP38-009	CLUCH,PLATE	1
Y10	W-SNUR30	E-RING,3	1
Y11	AV-HP37-002	GEAR	1
Y12	AV-HP10-003	SLIDE,DRIVE PLATE	1
Y13	AV-QT10-001	CHASSIS ASS'Y	1
Y14	AV-HP40-038	COIL SPRING,DRIVE PLATE	1
Y15	AV-HP37-003	LEVER,TRIP	1
Y16	AV-12-293-01	LEAF SWITCH,LSB-1123	1
Y17	B-SNT22008Z1	TAP. SCREW PAN HD.2,2X8	1
Y18	B-STPN3010Z1	SCREW PAN HD. T-T P,3X10	5
Y19	AV-HP40-036	COMPRESSION SPRING	1
Y20	B-SNAB3016Z1	SCREW PAN HD.,3X16	1
Y21	AV-HP37-001	LEVER,CONTROL	1
Y22	W-SCSR40CP	CS-RING,4	1
Y23	AV-QT37-068	LEVER,SLIDE SWITCH	1
Y24	AV-18-020-01	DC MOTOR,MMI-6N2RK9	1
Y25	AV-XPM39-022	PULLEY,MOTOR	1
Y26	AV-12-300-01	SLIDE SWITCH	1
Y27	AV-10-601-02	PC BOARD ASS'Y,CONNECTOR	1
Y28	AV-QT37-065-03	BRACKET,TONE ARM	1
Y29	AV-HP37-063-01	FIXTURE	1
Y30	B-STBN2006Z1	SCREW PAN HD. T-T B,2X6	2
Y31	AV-20-209-01	SPECIAL SCREW	2
Y32	AV-20-245-01	SPECIAL SCREW,MOTOR	3
Y33	AV-HP37-061-04	PLATE,LIFTER	1
Y34	AV-HP41-064	LEVER,CUE ROD	1
Y35	AV-HP37-030	KNOB,CUE ROD	1
Y37	B-STBN2305Z1	SCREW PAN HD. T-T B,2.3X5	2
Y38	AV-12-189-02	LUG	1
Y39	AV-HP37-024-03	COUPLING,GIMBAL	1
Y40	AV-HP39-027	PIN	1
Y41	AV-12-199-01	LUG,GROUND	1
Y43	AV-HP37-023	CONTACT POINT,PIVOT	1
Y44	AV-HP36-026	IDLER	1
Y45	AV-HP37-069-02	HEAD SHELL	1
Y46	AV-17-065-01	CORD ASS'Y,PICKUP	1
Y47	R-S07647-1	CARTRIDGE	1
Y52	R-S07648	STYLUS	1
Y48	AV-QT37-005-06	CUSHION	2
Y49	AV-QT37-005-07	CUSHION	1
Y50	W-SCSR20CP	CS-RING,2	1
Y51	AV-HP37-296	WEIGHT	1
Y53	AV-QT40-041	TORSION SPRING	1

NOTES: 1. Part orders must contain Model Number, Part Number and Description.
2. Ordering quantity of screws and resistors must be multiple of 10 pcs.

EXPLODED VIEW (CASSETTE MECHANISM/TAPE A)

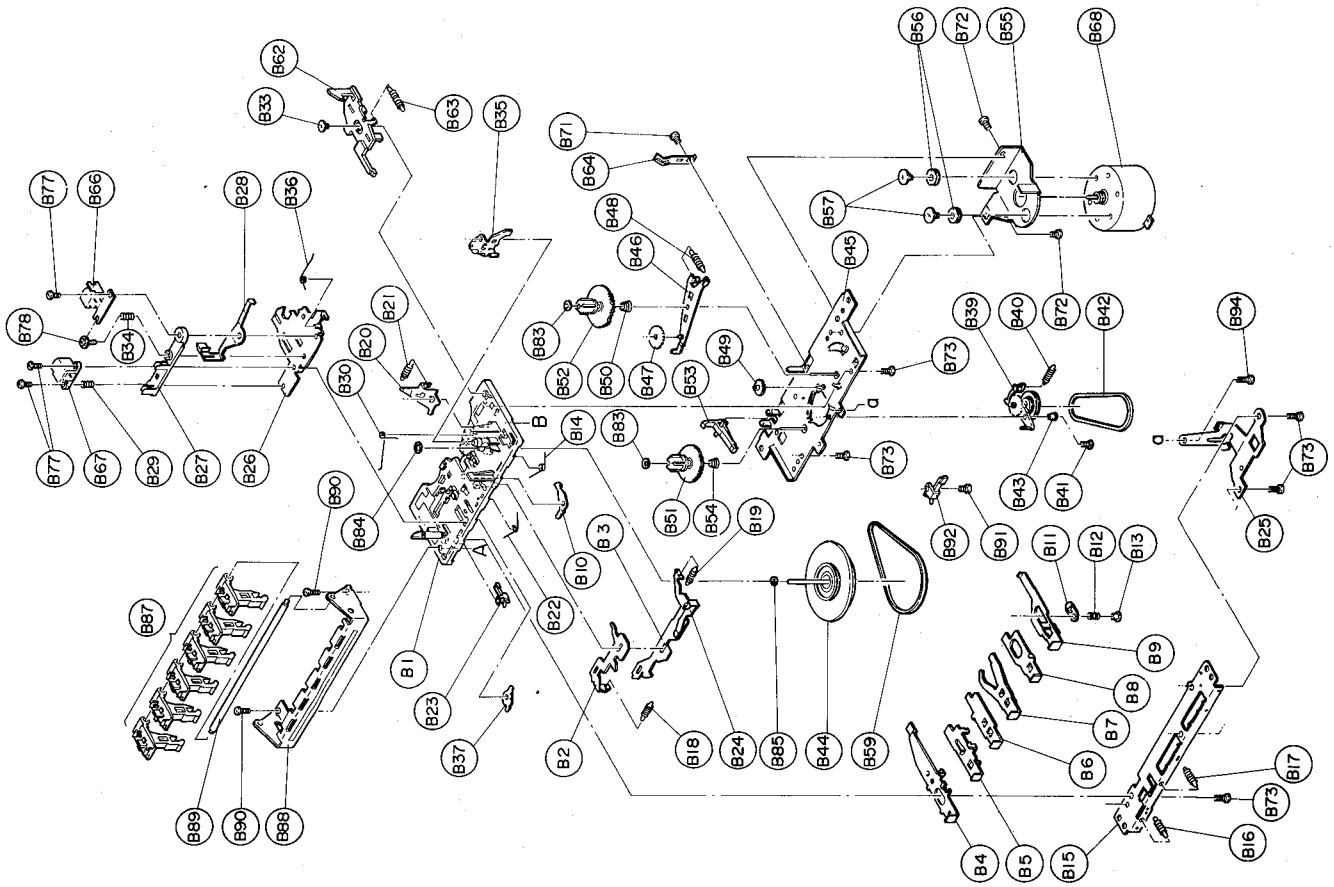


PARTS LIST (CASSETTE MECHANISM/TAPE A)

Ref.No	PART No.	DESCRIPTION	Q'ty
CASSETTE MECHANISM (R-S97208-3)			
A1	ATN-18210160	BASE	1
A2	ATN-18210105	SLIDE, SWITCH	1
A3	ATN-18210191A	SLIDE, KNOB	1
A4	ATN-182101159	LEVER,KICK EJECT	1
A5	ATN-18210129	LEVER,PLAY BUTTON	1
A6	ATN-18210130	LEVER	1
A7	ATN-18210131	LEVER	1
A8	ATN-18210132	LEVER,STOP BUTTON	1
A9	ATN-182101503	LEVER,PAUSE BUTTON	1
A10	ATN-18210168	LEVER	1
A11	ATN-18210115	LEVER	1
A12	ATN-18210116	COMPRESSION SPRING	1
A13	ATN-18210134	STOPPER	1
A14	ATN-18210123	COMPRESSION SPRING	1
A15	ATN-18210119	CHASSIS	1
A16	ATN-18290110	STOPPER, PR	1
A17	ATN-18210150	COMPRESSION SPRING	1
A18	ATN-18210138	COIL SPRING	1
A19	ATN-18210122	COIL SPRING	1
A20	ATN-18210162	LEVER	1
A21	ATN-18210121	COIL SPRING	1
A22	ATN-18210149	COMPRESSION SPRING	1
A23	LSA-1115R	LEAF SWITCH	1
A24	ATN-18213919	BRACKET, GUIDE	1
A26	ATN-18290304	PLATE, HEAD	1
A27	ATN-18210302	BRACKET, HEAD	1
A28	ATN-182903301	LEVER, SENSING	1
A29	ATN-18210308	COMPRESSION SPRING, HEAD	1
A30	ATN-18210312	COIL SPRING	1
A33	ATN-18211305	SPECIAL SCREW	1
A34	ATN-18210307	COMPRESSION SPRING,AZIMUTH	1
A35	ATN-182104302	PINCH ROLLER	1
A36	ATN-18210407	TORSION SPRING	1
A39	ATN-182107311	ARM	1
A40	ATN-18210704	COIL SPRING	1
A41	B-SNB31704Z1	SCREW PAN HD.3,1.7X4	1
A42	ATN-18200809C	SQUARE BELT, FULL AUTO	1
A43	ATN-18670405	GUIDE	1
A44	ATN-182109324	FLYWHEEL	1
A45	ATN-182110515	BRACKET	1
A46	ATN-182110503	LEVER,TAKE - UP GEAR	1
A47	ATN-18211034	SPUR GEAR	1
A48	ATN-18211008	COIL SPRING,TAKE-UP GEAR	1
A49	ATN-18211035	SPUR GEAR	1
A50	ATN-18211046	COMPRESSION SPRING	1
A51	ATN-182110309	REEL	1
A52	ATN-182110312	REEL ASS'Y	1
A54	ATN-18291010	COMPRESSION SPRING	1
A55	ATN-18211210	BRACKET, MOTOR	1
A56	ATN-18201306	CUSHION, MOTOR	2
A57	ATN-18211202	SPECIAL SCREW	2
A68	ATN-182112330	DC MOTOR ASS'Y,WITH PULLEY	1
A59	ATN-17200905	FLAT BELT	1
A62	ATN-18211304	LEVER,EJECT SLIDE	1
A63	ATN-18211302	COIL SPRING,EJECT SLIDE	1
A64	ATN-18291001	STOPPER	1
A66	R-S07637-1	PLAYBACK HEAD	1
A67	R-3977319	GUIDE, TAPE	1
A71	ATN-91790000	SPECIAL SCREW, +NABC2X3	1
A72	ATN-91800000	SPECIAL SCREW, +NAB C2X4	2
A73	B-STPB2005Z1	SCREW BIND HD. T-T P,2X5	5
A77	ATN-98200000	SPECIAL SCREW, +−CAP2X7	3
A78	ATN-99220000	SPECIAL SCREW,AZIMUTH	1
A83	ATN-98880000	SPECIAL WASHER	2
A84	ATN-98750000	SPECIAL WASHER	1
A85	ATN-99370000	SPECIAL WASHER	1
A87	ATN-18213107	LEVER	6
A88	ATN-18213106	FRAME	1
A89	ATN-18293103	SHAFT, KNOB LEVER	1
A90	B-STPB2007Z1	SCREW BIND HD. T-T P,2X7	2
A92	ATN-18211213	BRACKET, SWITCH	1
A93	MSW-1373NBK	LEAF SWITCH	1
A94	ATN-91810000	SPECIAL SCREW, +NAB C2X5	2
A95	B-SNB31703Z1	SCREW PAN HD 3,1.7X3	1

NOTES: 1. Part orders must contain Model Number, Part Number and Description.
2. Ordering quantity of screws and resistors must be multiple of 10 pcs.

EXPLODED VIEW (CASSETTE MECHANISM/TAPE B)



PARTS LIST (CASSETTE MECHANISM/TAPE B)

Ref.No	PART No.	DESCRIPTION	Q'ty
	CASSETTE MECHANISM (R-S97207-3)		
B1	ATN-18210160	BASE	1
B2	ATN-18210105	SLIDE, SWITCH	1
B3	ATN-18210191A	SLIDE, KNOB	1
B4	ATN-18210128A	LEVER,REC BUTTON	1
B5	ATN-18210129	LEVER,PLAY BUTTON	1
B6	ATN-18210130	LEVER	1
B7	ATN-18210131	LEVER	1
B8	ATN-18210132	LEVER,STOP BUTTON	1
B9	ATN-182101503	LEVER,PAUSE BUTTON	1
B10	ATN-18210168	LEVER	1
B11	ATN-18210115	LEVER	1
B12	ATN-18210116	COMPRESSION SPRING	1
B13	ATN-18210134	STOPPER	1
B14	ATN-18210123	COMPRESSION SPRING	1
B15	ATN-18210119	CHASSIS	1
B16	ATN-18210107	COMPRESSION SPRING	1
B17	ATN-18210150	COMPRESSION SPRING	1
B18	ATN-18210138	COIL SPRING	1
B19	ATN-18210122	COIL SPRING	1
B20	ATN-18210162	LEVER	1
B21	ATN-18210121	COIL SPRING	1
B22	ATN-18210149	COMPRESSION SPRING	1
B23	LSA-1115R	LEAF SWITCH	1
B24	ATN-182101159	LEVER,KICK EJECT	1
B25	ATN-18213919	BRACKET, GUIDE	1
B26	ATN-18290304	PLATE	1
B27	ATN-18290302	BRACKET, HEAD	1
B28	ATN-182903301	LEVER, SENSING	1
B29	ATN-18210308	COMPRESSION SPRING, HEAD	1
B30	ATN-18210312	COIL SPRING	1
B33	ATN-18211305	SPECIAL SCREW	1
B34	ATN-18210307	COMPRESSION SPRING,AZIMUTH	1
B35	ATN-182104302	PINCH ROLLER	1
B36	ATN-18210402	TORSION SPRING	1
B37	ATN-18290110	STOPPER, PR	1
B39	ATN-182107311	ARM	1
B40	ATN-18210704	COIL SPRING	1

Ref.No	PART No.	DESCRIPTION	Q'ty
B41	B-SNB31704Z1	SCREW PAN HD.3,1.7X4	1
B42	ATN-18200809C	SQUARE BELT, FULL AUTO	1
B43	ATN-18670405	GUIDE	1
B44	ATN-182109324	FLYWHEEL	1
B45	ATN-182110515	BRACKET	1
B46	ATN-182110503	LEVER,TAKE - UP GEAR	1
B47	ATN-18211034	SPUR GEAR	1
B48	ATN-18211008	COIL SPRING,TAKE-UP GEAR	1
B49	ATN-18211035	SPUR GEAR	1
B50	ATN-18211012	COMPRESSION SPRING, BACK	1
B51	ATN-182110309	REEL	1
B52	ATN-182110312	REEL ASS'Y	1
B53	ATN-18000201	LEVER, SAFETY RECORD	1
B54	ATN-18291010	COMPRESSION SPRING	1
B55	ATN-18211210	BRACKET, MOTOR	1
B56	ATN-18201306	CUSHION, MOTOR	2
B57	ATN-18211202	SPECIAL SCREW	2
B68	ATN-182112330	DC MOTOR ASS'Y,WITH PULLEY	1
B59	ATN-17200905	FLAT BELT	1
B62	ATN-18211304	LEVER,EJECT SLIDE	1
B63	ATN-18211302	COIL SPRING,EJECT SLIDE	1
B64	ATN-18291001	STOPPER	1
B66	R-S07638-1	RECORD HEAD	1
B67	R-S07412	ERASE HEAD	1
B71	ATN-91790000	SPECIAL SCREW,+NABC2X3	1
B72	ATN-91800000	SPECIAL SCREW, +NAB C2X4	2
B73	B-STPB2005Z1	SCREW BIND HD. T-T P,2X5	5
B77	ATN-98200000	SPECIAL SCREW, + −CAP2X7	3
B78	ATN-99220000	SPECIAL SCREW,AZIMUTH	1
B83	ATN-98880000	SPECIAL WASHER	2
B84	ATN-98750000	SPECIAL WASHER	1
B85	ATN-99370000	SPECIAL WASHER	1
B87	ATN-18213107	LEVER	6
B88	ATN-18213106	FRAME	1
B89	ATN-18293103	SHAFT, KNOB LEVER	1
B90	B-STPB2007Z1	SCREW BIND HD. T-T P,2X7	2
B91	B-SNB31703Z1	SCREW PAN HD.3,1.7X3	1
B92	MSW-1373NBK	LEAF SWITCH	1
B94	ATN-91810000	SPECIAL SCREW,+NAB C2X5	1

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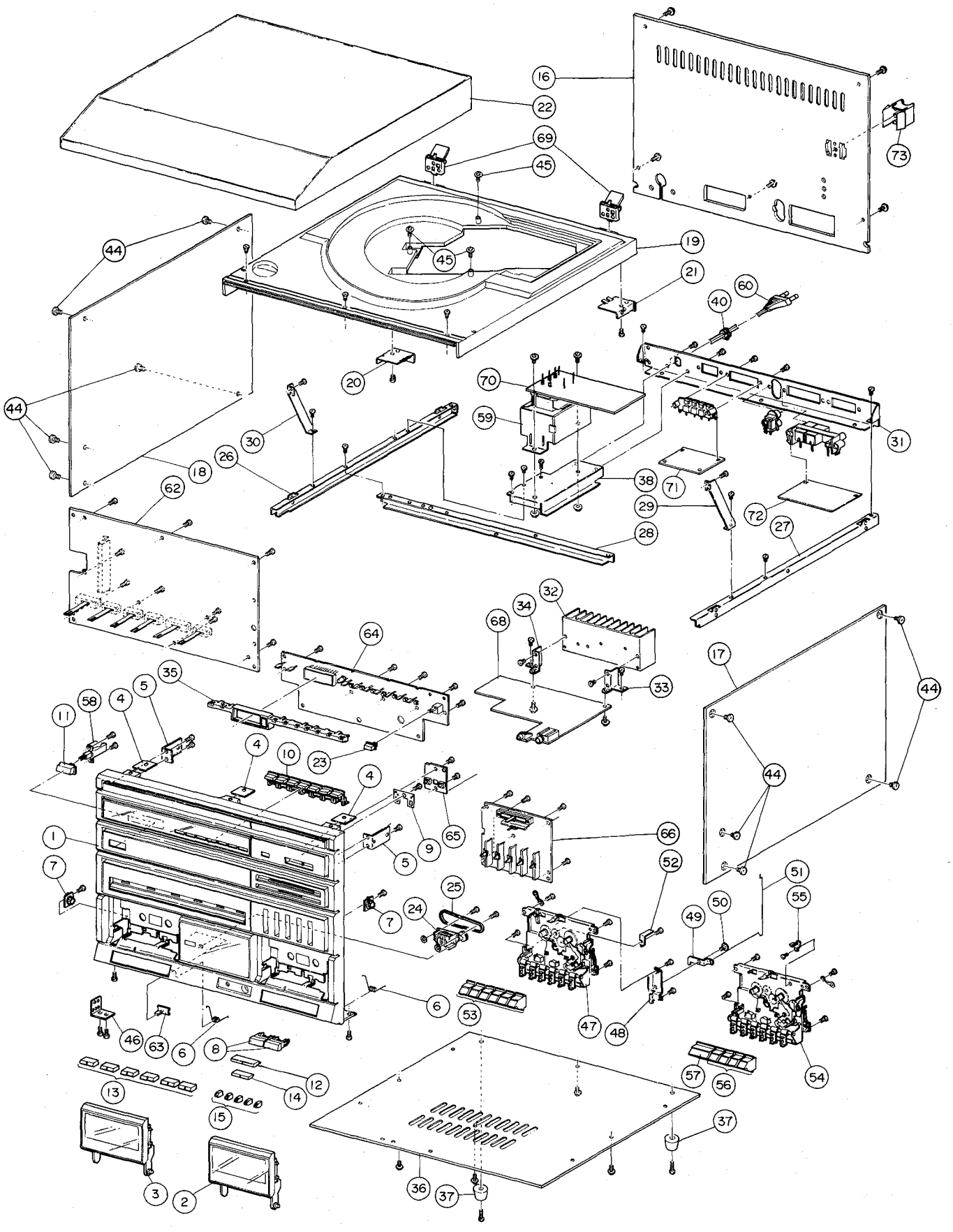
EXPLODED VIEW (CABINET & CHASSIS)



PARTS LIST

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Leakage-current or resistance measurements must be made to determine that exposed parts are acceptably insulated from the supply circuit before returning the product to the customer.

NOTE: * Materials of Capacitors are abbreviated as follows;

OXIDE-MT ····· Metal oxide film
SBL ····· SBL ceramic
LYTIC ····· Electrolytic
M-POLYES ····· Metal Polyestel film

* Tolerance of Resistors are noted with follow symboles;

J ····· ±5%
K ····· ±10%
M ····· ±20%
Z ····· ±0%

Ref.No	PART No.	DESCRIPTION	Q'ty
		INDIVIDUAL	
	R-47700085	INSTRUCTION BOOK	1
	R-357798-1A	POLYETHYLENE BAG, SET	1
	R-4177285	STYRO-FOAM CUSHION, RIGHT	1
	R-4177286	STYRO-FOAM CUSHION, LEFT	1
	R-4078686-3	INDIVIDUAL CARTON CASE, SET	1
	R-357444	POLYETHYLENE BAG, ACCESSORY	1
	R-357799	PROTECTOR SHEET, DUST COVER	1
	R-437722	FELT CUSHION, CABINET PROTECT	2
	R-357479	POLYETHYLENE BAG, PANEL COVER	1
	R-357581	POLYETHYLENE BAG, TURNTABLE SHEET	1
	R-47700178	CAUTION SHEET, FTZ	1
	R-4078536	PAD, TURNTABLE SHEET	1
		ACCESSORY	
	R-W27182-2	FEEDER ANTENNA, LOOP ANT	1
		CABINET	
1	R-A703904-2	FRONT PANEL ASS'Y	1
2	R-A703905-2	CASSETTE CASE ASS'Y, TAPEA	1
3	R-A703906-2	CASSETTE CASE ASS'Y, TAPEB	1
4	R-1276239	BRACKET, CABINET	3
5	R-1276237A	BRACKET, SIDE BOARD	2
	B-STPB3008Z1	SCREW BIND HD. T-T P,3X8	4
6	R-1572684	TORSION SPRING	2
7	R-S873665	DAMPER ASS'Y	2
	B-STPB3008Z1	SCREW BIND HD. T-T P,3X8	2
8	R-3976796	KNOB, FUNCTION	2
9	R-257404	PLATE SPRING	1
	B-STPB3008Z1	SCREW BIND HD. T-T P,3X8	1
10	R-3977817	KNOB, PRESET	1
	B-STPM3010Z1	SCREW OVAL HD. T-T P,3X10	2
	B-STPB3008Z1	SCREW BIND HD. T-T P,3X8	9
	B-STPM3010Z1	SCREW OVAL HD. T-T P,3X10	5
	B-STPB3008Z1	SCREW BIND HD. T-T P,3X8	5
45	R-1572744	BRACKET, SPEAKER	3
11	R-3977016-2	KNOB, POWER	1
12	R-3977453	KNOB, VOLUME	1
13	R-3977454	KNOB, FUNCTION	6
14	R-3977455A	KNOB, BALANCE	1
15	R-3977369-1	KNOB, E.Q.	5
16	R-4078047-4	BACK LID	1
	B-STBB3008Z1	SCREW BIND HD. T-T B,3X8	5
17	R-467440-2	SIDE BOARD, RIGHT	1
18	R-467443-2	SIDE BOARD, LEFT	1
44	R-1572927	SPECIAL SCREW	10
	B-STPB3008Z1	SCREW BIND HD. T-T P,3X8	2
19	R-3170248A	CABINET	1

Ref.No	PART No.	DESCRIPTION	Q'ty
20	R-1276729-1	BRACKET, LEFT	1
	B-STPB3008Z1	SCREW BIND HD. T-T P,3X8	2
21	R-1276729	BRACKET, RIGHT	1
	B-STPB3008Z1	SCREW BIND HD. T-T P,3X8	1
	B-SST23012ZK	TAP. SCREW FLAT HD.2,3X12	3
22	R-3170304	DUST COVER	1
69	R-S872881-2	HINGE	2
23	R-3977848	KNOB	1
24	R-S57291-1	COUNTER	1
	B-STBB2608Z1	SCREW BIND HD.T-T B,2.6X8	2
25	R-4471232	BELT, COUNTER	1
		CHASSIS	
26	R-1276558A	CHASSIS, LEFT	1
	B-STBB3006Z1	SCREW BIND HD. T-T B,3X6	1
27	R-1276557A	CHASSIS, RIGHT	1
	B-STBB3006Z1	SCREW BIND HD. T-T B,3X6	1
28	R-1276232D	CHASSIS	1
	B-STBB3006Z1	SCREW BIND HD. T-T B,3X6	2
29	R-1276231-1	BRACKET, RIGHT	1
	B-STBB3006Z1	SCREW BIND HD. T-T B,3X6	1
30	R-1276230-1	BRACKET, LEFT	1
	B-STBB3006Z1	SCREW BIND HD. T-T B,3X6	1
	B-STPB3008Z1	SCREW BIND HD. T-T P,3X8	2
31	R-1276235-1	REAR CHASSIS	1
	B-STBB3006Z1	SCREW BIND HD. T-T B,3X6	2
	B-STBB3008Z1	SCREW BIND HD. T-T B,3X8	2
	B-STBB3008Z1	SCREW BIND HD. T-T B,3X8	2
	B-STBB3008Z1	SCREW BIND HD. T-T B,3X8	2
32	R-2770005-6	HEAT SINK	1
	B-STBW3012Z1	SCREW PAN HD.W T-T B,3X12	2
	B-STBB3008Z1	SCREW BIND HD. T-T B,3X8	2
	B-STBB3006Z1	SCREW BIND HD. T-T B,3X6	2
	B-STBB3006Z1	SCREW BIND HD. T-T B,3X6	2
33	R-1274779-1	BRACKET, HEAT SINK, RIGH	1
	B-STBB3006Z1	SCREW BIND HD. T-T B,3X6	1
34	R-1274780-1	BRACKET, HEAT SINK, LEFT	1
	B-STBB3006Z1	SCREW BIND HD. T-T B,3X6	1
35	R-3977818-1	HOLDER, LED } or	1
	R-3977818-2	HOLDER, LED }	
36	R-4078515-1	BOTTOM LID	1
37	R-3977195	BASE	2
	B-STBB3012Z1	SCREW BIND HD. T-T B,3X12	2
	B-STBW3008Z1	SCREW PAN HD./W T-T B,3X8	5
38	R-1276267E	BRACKET, TRANSFORMER	1
	S-SNAB4012Z1FD	SCREW PAN HD./F.W,4X12	2
	W-SHRN40Z1	NUT HEX HD./WASHER,4	2
	B-STBB3006Z1	SCREW BIND HD. T-T B,3X6	5
40	R-377070	BUSHING,	1
46	R-1276237A	BRACKET	1
	B-STBB3008Z1	SCREW BIND HD. T-T B,3X8	1
	B-STSB4006Z1	SCREW BIND HD. T-T S,4X6	1
73	R-377155	HOLDER	1
	B-STBW3008Z1	SCREW PAN HD./W T-T B,3X8	1

NOTES: 1. Part orders must contain Model Number, Part Number and Description.
2. Ordering quantity of screws and resistors must be multiple of 10 pcs.

PARTS LIST (CONTINUED)

Ref.No	PART No.	DESCRIPTION	Q'ty
	R-47700113-3	PARTS NAME LABEL	1
CASSETTE MECHANISM			
47	R-S97207-3	CASSETTE MECHANISM ASS'Y, TAPE B	1
48	R-1276236-1	BRACKET, RECORD	1
	B-STSN2604Z1	SCREW PAN HD. T-T S,2.6X4	1
	B-STSN2005Z1	SCREW PAN HD. T-T S,2X5	1
49	R-1276241	BRACKET, LEVER	1
50	R-1571291	SPECIAL SCREW	1
51	R-1572847	SHAFT, RECORD	1
52	R-1572709	PLATE SPRING, RECORD	1
	S-SNAB2003Z1A	SCREW PAN HD./SP.W,2X3	1
53	R-3977378	KNOB, CASSETTE	6
	B-STPM3010Z1	SCREW OVAL HD. T-T P,3X10	4
54	R-S97208-3	CASSETTE MECHANISM ASS'Y, TAPE A	1
55	R-S470320	LEAF SWITCH	1
	B-STBN2006Z1	SCREW PAN HD. T-T B,2X6	1
56	R-3977378	KNOB, CASSETTE	4
57	R-3977451	KNOB, CASSETTE	1
	B-STPM3010Z1	SCREW OVAL HD. T-T P,3X10	4
PLAYER MECHANISM			
	R-S57403	PLAYER ASS'Y	1
	R-4471302	TURNTABLE SHEET	1
CHASSIS ELECTRICAL			
58,S901⚠	R-S47720-2	PUSH SWITCH, POWER	1
59,PT1 ⚠	R-W770548	POWER TRANSFORMER	1
60 ⚠	R-S37089-1	AC CORD, 2000MM	1
	R-367300	COVER, AC CORD	1
	R-237113	LUG	3
	R-12011	LUG	1
CS9	R-377176-7	HOUSING, 7P	1
CS5	R-377176-6	HOUSING, 6P	1
CS10	R-377176-5	HOUSING, 5P	1
CS4,102	R-377176-3	HOUSING, 3P	2
CS6,7,8	R-377176-2	HOUSING, 2P	3
CS101	R-377142-5	HOUSING, 5P	1
	R-257295-1	TERMINAL	5
	R-257354	TERMINAL	30
C998	C-KB102K2HN2	CERAMIC,0.001UF +−10% 50V	1
C999	C-KZ473Z2HN2	CERAMIC,0.047UF+80−20%50V	1
C997	C-KB471K2HN2	CERAMIC,470PF +−10% 50V	1
C995,996	C-CJ101K2HN2	CERAMIC,100PF +−10% 50V	2
C901 ⚠	R-C97019	CAPACITOR,0.01UF AC400V	1
	R-367262	CAPACITOR BOOTS	1
C905	C-KZ103Z2HN2	CERAMIC,0.01UF +80−20%50V	1
	R-12011	LUG	2
	R-S17243	WIRE FIXTURE	2
	R-S17399-2	WIRE BAND	17
FM	R-A703252	LEAD ANTENNA ASS'Y	1
MAIN P.C.B. ASSEMBLY			
62	R-A705576	PC BOARD ASS'Y, MAIN	1
	R-S872943	TUNER, FM	1
L1	R-W17104	PACKED C&L	1
CP1	R-S27781-4	PLUG, 4P	1
1	R-247493	TERMINAL	1
2	R-247493	TERMINAL	1
C92	C-KBQ101K2HT1	CERAMIC,100PF +−10% 50V	1
C16	C-KXG103N2CT1	CERAMIC,0.01UF +−30% 16V	1
C22	C-KXH103N2CT1	CERAMIC,0.01UF +−30% 16V	1
C29	C-KXH103N2CT1	CERAMIC,0.01UF +−30% 16V	1
C95	C-CJQ330J2HT1	CERAMIC,33PF +−5% 50V	1
C97	C-CJQ270J2HT1	CERAMIC,27PF +−5% 50V	1
C99	C-KBQ102K2HT1	CERAMIC,0.001UF +−10% 50V	1
C100	C-KZ473Z2HN2	CERAMIC,0.047UF+80−20%50V	1
C101	C-KB102K2HN2	CERAMIC,0.001UF +−10% 50V	1
C102	C-KB471K2HN2	CERAMIC,470PF +−10% 50V	1
R12	401 012 4503	CARBON 100 JA ¼W	1
R90	401 026 3905	CARBON 330 JA ⅛W	1
R1	401 027 2600	CARBON 5.6K JA ⅛W	1

Ref.No	PART No.	DESCRIPTION	Q'ty
Q6,7, 12,13	E-2SC536AG-AC	TRANSISTOR } or	4
	E-2SC1740SLNST	TRANSISTOR }	
TP2	R-247493	TERMINAL	1
TP3	R-247493	TERMINAL	1
TP9	R-247493	TERMINAL	1
C21	C-EAWR10M2HT2	LYTIC,0.1UF +−20% 50V	1
C30	C-EAW1R0M2HT2	LYTIC,1UF +−20% 50V	1
C90	C-EAW1R0M2HT2	LYTIC,1UF +−20% 50V	1
C32	C-EAWR22M2HT2	LYTIC,0.22UF +−20% 50V	1
C91	C-EAWR22M2HT2	LYTIC,0.22UF +−20% 50V	1
C33	C-EAW470M2CT2	LYTIC,47UF +−20% 16V	1
C31	C-BM223J2ET2	SBL,0.022UF +−5% 25V	1
C93	C-BM104M2ET2	SBL,0.1UF +−20% 25V	1
R19	401 024 7004	CARBON 1K JA ⅛W	1
R27	401 026 4308	CARBON 3.3K JA ⅛W	1
R85	401 026 4308	CARBON 3.3K JA ⅛W	1
R28	401 027 5502	CARBON 6.8K JA ⅛W	1
R86	401 027 5502	CARBON 6.8K JA ⅛W	1
R29	401 008 6603	CARBON 220 JA ½W	1
R87	401 025 7805	CARBON 2.2K JA ⅛W	1
R88	401 026 9907	CARBON 4.7K JA ⅛W	1
Q8	E-2SK315E-AC	TRANSISTOR } or	1
Q8	E-2SK161Y-T	TRANSISTOR }	
Q10	E-2SC536AG-AC	TRANSISTOR	1
Q11	E-2SC536AG-AC	TRANSISTOR	1
D4,5	E-SVC321-C2	VARACTOR DIODE } or	2
	E-SVC321SP-C2	VARACTOR DIODE }	
L7	R-W27202-1	ANTENNA COIL, M.W.	1
L8	R-W87059-2	OSC COIL, M.W.	1
L9	R-W27212-1	ANTENNA COIL, L.W.	1
L10	R-W87058-2	OSC COIL, L.W.	1
CT4	R-C0716	TRIMMER, 7PF	1
CT5	R-C0716	TRIMMER, 7PF	1
CT6	R-C0724-7	TRIMMER, 30PF	1
CT7	R-C0724-7	TRIMMER, 30PF	1
CP2	R-S27781-4	PLUG, 4P	1
3	R-247493	TERMINAL	1
4	R-247493	TERMINAL	1
C39	C-KXH103N2CT1	CERAMIC,0.01UF +−30% 16V	1
C38	C-CJQ6R8K2HT1	CERAMIC,6.8PF +−10% 50V	1
C88	C-KBQ101K2HT1	CERAMIC,100PF +−10% 50V	1
C35	C-CJR3R3K2HT1	CERAMIC,3.3PF +−10% 50V	1
C34	C-KXG103M2CT1	CERAMIC,0.01UF +−20% 16V	1
C36	C-KXG103M2CT1	CERAMIC,0.01UF +−20% 16V	1
C86	C-KXG103M2CT1	CERAMIC,0.01UF +−20% 16V	1
C89	C-KXG103M2CT1	CERAMIC,0.01UF +−20% 16V	1
C87	C-QS3750J2HF2	STYROL,375PF +−5% 50V	1
C37	C-QS391J2HF2	STYROL,390PF +−5% 50V	1
R81	401 025 8208	CARBON 22K JA ⅛W	1
R83	401 025 8208	CARBON 22K JA ⅛W	1
R82	401 024 8001	CARBON 1M JA ⅛W	1
R84	401 024 8001	CARBON 1M JA ⅛W	1
R31	401 025 8703	CARBON 220K JA ⅛W	1
R32	401 025 8703	CARBON 220K JA ⅛W	1
R33	401 024 7004	CARBON 1K JA ⅛W	1
R34	401 025 7409	CARBON 220 JA ⅛W	1
R35	401 024 7004	CARBON 1K JA ⅛W	1
IC1	E-LA1265T	IC	1
Q3	E-2SC2839E-AC	TRANSISTOR } or	1
	E-2SC930E-AA	TRANSISTOR }	
X1-3	R-S17483-1	CERAMIC FILTER, 10.70MHZ	3
X4	R-S17518-1	CERAMIC FILTER, 450KHZ	1
T2	R-W5T7097	IF TRANSFORMER, F.M.	1
T3	R-W5T7007-2	IF TRANSFORMER, A.M.	1
LPF1	R-M1735	FILTER COIL	1
SVR1	R-R1107130-16	PRESET RESISTOR, 47K	1
TP4	R-247493	TERMINAL	1
TP5	R-247493	TERMINAL	1
C19	C-KXG103M2CT1	CERAMIC,0.01UF +−20% 16V	1
C40	C-KXG103M2CT1	CERAMIC,0.01UF +−20% 16V	1
C42	C-KXG103M2CT1	CERAMIC,0.01UF +−20% 16V	1
C43	C-KXG103M2CT1	CERAMIC,0.01UF +−20% 16V	1
C44	C-KXG103M2CT1	CERAMIC,0.01UF +−20% 16V	1
C45	C-KXG103M2CT1	CERAMIC,0.01UF +−20% 16V	1
C49	C-KXG103M2CT1	CERAMIC,0.01UF +−20% 16V	1
C54	C-KXG103M2CT1	CERAMIC,0.01UF +−20% 16V	1
C55	C-KXG103M2CT1	CERAMIC,0.01UF +−20% 16V	1
C59	C-KXG103M2CT1	CERAMIC,0.01UF +−20% 16V	1

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PARTS LIST (CONTINUED)

Ref.No	PART No.	DESCRIPTION	Q'ty
C56	C-KZ473Z2HT2	CERAMIC,0.047UF+80−20%50V	1
C58	C-KBQ101K2HT1	CERAMIC,100PF +−10% 50V	1
C48	C-CJR8R2K2HT1	CERAMIC,8.2PF +−10% 50V	1
C51	C-BM153K2ET2	SBL,0.015UF +−10% 25V	1
C52	C-EAWR10M2HT2	LYTIC,0.1UF +−20% 50V	1
C41	C-EAW100M2CT2	LYTIC,10UF +−20% 16V	1
C61	C-EAW100M2CT2	LYTIC,10UF +−20% 16V	1
C46	C-EAW4R7M2ET2	LYTIC,4.7UF +−20% 25V	1
C47	C-EAW3R3M2HT2	LYTIC,3.3UF +−20% 50V	1
C57	C-EAW3R3M2HT2	LYTIC,3.3UF +−20% 50V	1
C60	C-EAW101M2CT2	LYTIC,100UF +−20% 16V	1
C50	C-EAW4R7M2ET2	LYTIC,4.7UF +−20% 25V	1
R13	401 025 1308	CARBON 150 JA 1/6W	1
R36	401 025 1308	CARBON 150 JA 1/6W	1
R18	401 026 3905	CARBON 330 JA 1/6W	1
R15	401 025 7805	CARBON 2.2K JA 1/6W	1
R16	401 026 9600	CARBON 470 JA 1/6W	1
R17	401 024 7004	CARBON 1K JA 1/6W	1
R37	401 025 7805	CARBON 2.2K JA 1/6W	1
R40	401 024 7400	CARBON 10K JA 1/6W	1
R41	401 024 7400	CARBON 10K JA 1/6W	1
R38	401 024 7004	CARBON 1K JA 1/6W	1
R39	401 025 1308	CARBON 150 JA 1/6W	1
R43	401 026 4308	CARBON 3.3K JA 1/6W	1
R44	401 026 4605	CARBON 33K JA 1/6W	1
R45	401 027 2600	CARBON 5.6K JA 1/6W	1
R46	401 027 8107	CARBON 82 JA 1/6W	1
R42	401 026 3905	CARBON 330 JA 1/6W	1
R89	401 027 2303	CARBON 560 JA 1/6W	1
R49	401 063 0202	OXIDE-MT 68 JB 1W	1
IC2	E-LA3401	IC	1
X5	R-S17723	CERAMIC OSCILLATOR } or	1
	R-S17833	CERAMIC OSCILLATOR }	
L11	R-M1728	FILTER COIL	1
L12	R-M1728	FILTER COIL	1
TP6	R-247493	TERMINAL	1
TP7	R-247493	TERMINAL	1
TP8	R-247493	TERMINAL	1
C69	C-KBQ681K2HT1	CERAMIC,680PF +−10% 50V	1
C72	C-KBQ331K2HT1	CERAMIC,330PF +−10% 50V	1
C74	C-KBQ331K2HT1	CERAMIC,330PF +−10% 50V	1
C94	C-KXG103M2CT1	CERAMIC,0.01UF +−20% 16V	1
C68	C-BM473K2ET2	SBL,0.047UF +−10% 25V	1
C78	C-BM332K2ET2	SBL,0.0033UF +−10% 25V	1
C79	C-BM332K2ET2	SBL,0.0033UF +−10% 25V	1
C63	C-EAW101M2CT2	LYTIC,100UF +−20% 16V	1
C64	C-EAWR22M2HT2	LYTIC,0.22UF +−20% 50V	1
C65	C-EAW1R0M2HT2	LYTIC,1UF +−20% 50V	1
C66	C-EAW1R0M2HT2	LYTIC,1UF +−20% 50V	1
C67	C-EAW1R0M2HT2	LYTIC,1UF +−20% 50V	1
C70	C-EAW100M2CT2	LYTIC,10UF +−20% 16V	1
C71	C-EAW100M2CT2	LYTIC,10UF +−20% 16V	1
C73	C-EAW100M2CT2	LYTIC,10UF +−20% 16V	1
C75	C-EAW220M2CT2	LYTIC,22UF +−20% 16V	1
C83	C-EAW3R3M2HT2	LYTIC,3.3UF +−20% 50V	1
R51	401 027 2600	CARBON 5.6K JA 1/6W	1
R52	401 026 4605	CARBON 33K JA 1/6W	1
R53	401 024 7400	CARBON 10K JA 1/6W	1
R56	401 027 3003	CARBON 56K JA 1/6W	1
R58	401 025 2305	CARBON 150K JA 1/6W	1
R59	401 025 2305	CARBON 150K JA 1/6W	1
R60	401 025 4903	CARBON 180K JA 1/6W	1
R61	401 025 4903	CARBON 180K JA 1/6W	1
R62	401 025 7805	CARBON 2.2K JA 1/6W	1
R63	401 025 7805	CARBON 2.2K JA 1/6W	1
R69	401 027 8602	CARBON 8.2K JA 1/6W	1
R70	401 027 8602	CARBON 8.2K JA 1/6W	1
R79	401 026 7408	CARBON 39K JA 1/6W	1
R50	401 058 8206	OXIDE-MT 120 JB 1W	1
S1	R-S470181-1	SLIDE SWITCH, FM/AM SWITCH	1
	R-1172304	LEVER	1
FS1	R-S27440-3	SOCKET, 11P	1
Q18	E-2SC536AG-AC	TRANSISTOR } or	1
	E-JC501R-T	TRANSISTOR }	
D7,9-13, 15,16	E-1SS176-T	DIODE } or	8
	E-GMA01-AT	DIODE }	
R71	401 024 7400	CARBON 10K JA 1/6W	1
R72	401 024 7400	CARBON 10K JA 1/6W	1

Ref.No	PART No.	DESCRIPTION	Q'ty
R76	401 026 4605	CARBON 33K JA 1/6W	1
R77	401 026 4308	CARBON 3.3K JA 1/6W	1
R78	401 024 7004	CARBON 1K JA 1/6W	1
R74	401 024 7707	CARBON 100K JA 1/6W	1
C82	C-EAW222M1IN2	LYTIC,2200UF +−20% 6.3V	1
IC101	E-LA3161	IC	1
C251	C-KBQ471K2HT1	CERAMIC,470PF +−10% 50V	1
C252	C-KBQ471K2HT1	CERAMIC,470PF +−10% 50V	1
C257	C-KBQ471K2HT1	CERAMIC,470PF +−10% 50V	1
C258	C-KBQ471K2HT1	CERAMIC,470PF +−10% 50V	1
C267	C-KBQ101K2HT1	CERAMIC,100PF +−10% 50V	1
C259	C-BM123J2ET2	SBL,0.012UF +−5% 25V	1
C260	C-BM123J2ET2	SBL,0.012UF +−5% 25V	1
C261	C-BM393J2ET2	SBL,0.039UF +−5% 25V	1
C262	C-BM393J2ET2	SBL,0.039UF +−5% 25V	1
C253	C-EAW4R7M2ET2	LYTIC,4.7UF +−20% 25V	1
C254	C-EAW4R7M2ET2	LYTIC,4.7UF +−20% 25V	1
C255	C-EAW100M2CT2	LYTIC,10UF +−20% 16V	1
C256	C-EAW100M2CT2	LYTIC,10UF +−20% 16V	1
C263	C-EAW4R7M2ET2	LYTIC,4.7UF +−20% 25V	1
C264	C-EAW4R7M2ET2	LYTIC,4.7UF +−20% 25V	1
C265	C-EAW101M2CT2	LYTIC,100UF +−20% 16V	1
R281	401 025 7805	CARBON 2.2K JA 1/6W	1
R282	401 025 7805	CARBON 2.2K JA 1/6W	1
R283	401 024 7707	CARBON 100K JA 1/6W	1
R284	401 024 7707	CARBON 100K JA 1/6W	1
R285	401 025 3807	CARBON 180 JA 1/6W	1
R286	401 025 3807	CARBON 180 JA 1/6W	1
R287	401 027 5502	CARBON 6.8K JA 1/6W	1
R288	401 027 5502	CARBON 6.8K JA 1/6W	1
R289	401 027 9005	CARBON 82K JA 1/6W	1
R290	401 027 9005	CARBON 82K JA 1/6W	1
R291	401 026 9600	CARBON 470 JA 1/6W	1
R292	401 026 9600	CARBON 470 JA 1/6W	1
R293	401 024 7004	CARBON 1K JA 1/6W	1
R294	401 024 7004	CARBON 1K JA 1/6W	1
R295	401 027 3003	CARBON 56K JA 1/6W	1
R296	401 027 3003	CARBON 56K JA 1/6W	1
R297	401 008 6603	CARBON 220 JA 1/2W	1
S106	R-S470183	SLIDE SWITCH, DISC SW	1
	R-1172304	LEVER	1
CP102	R-S27781-3	PLUG, 3P	1
S105	R-S470184-1	SLIDE SWITCH, FUNCTION SW	1
	R-1172304	LEVER	1
Q103,104	E-2SC1740SLNST	TRANSISTOR } or	2
	E-2SC536AG-AC	TRANSISTOR }	
FS2	R-S27440	SOCKET, 7P	1
FC501	R-S37410-15	PC JOINER, 150MM	1
C331	C-EAW1R0M2HT2	LYTIC,1UF +−20% 50V	1
C332	C-EAW1R0M2HT2	LYTIC,1UF +−20% 50V	1
C335	C-EAW100M2CT2	LYTIC,10UF +−20% 16V	1
C336	C-EAW100M2CT2	LYTIC,10UF +−20% 16V	1
C337	C-EAW101M2CT2	LYTIC,100UF +−20% 16V	1
R333	401 027 5908	CARBON 68K JA 1/6W	1
R334	401 027 5908	CARBON 68K JA 1/6W	1
R332	401 025 8703	CARBON 220K JA 1/6W	1
R340	401 025 8703	CARBON 220K JA 1/6W	1
R335	401 026 9907	CARBON 4.7K JA 1/6W	1
R336	401 026 9907	CARBON 4.7K JA 1/6W	1
R339	401 008 6603	CARBON 220 JA 1/2W	1
IC201	E-LA3161	IC	1
IC202	E-M74LS05P	TTL }	
	E-SN74LS05N	TTL } or	1
	E-HD74LS05P	TTL }	
Q201-204	E-2SC536AG-AC	TRANSISTOR } or	4
	E-JC501R-T	TRANSISTOR }	
D201,202	E-GMA01-AT	DIODE } or	2
	E-1SS176-T	DIODE }	
CP4	R-S27781-3	PLUG, 3P	1
SVR101	R-R1107130-16	PRESET RESISTOR, 47K	1
SVR102	R-R1107130-16	PRESET RESISTOR, 47K	1
C151	C-KBQ471K2HT1	CERAMIC,470PF +−10% 50V	1
C152	C-KBQ471K2HT1	CERAMIC,470PF +−10% 50V	1
C153	C-KBQ471K2HT1	CERAMIC,470PF +−10% 50V	1
C154	C-KBQ471K2HT1	CERAMIC,470PF +−10% 50V	1
C157	C-KBQ221K2HT1	CERAMIC,220PF +−10% 50V	1
C158	C-KBQ221K2HT1	CERAMIC,220PF +−10% 50V	1
C159	C-BM273J2ET2	SBL,0.027UF +−5% 25V	1
C160	C-BM273J2ET2	SBL,0.027UF +−5% 25V	1

NOTES: 1. Part orders must contain Model Number, Part Number and Description.
2. Ordering quantity of screws and resistors must be multiple of 10 pcs.

PARTS LIST (CONTINUED)

Ref.No	PART No.	DESCRIPTION	Q'ty
C165	C-BM153J2ET2	SBL,0.015UF +−5% 25V	1
C166	C-BM153J2ET2	SBL,0.015UF +−5% 25V	1
C167	C-BM123J2ET2	SBL,0.012UF +−5% 25V	1
C168	C-BM123J2ET2	SBL,0.012UF +−5% 25V	1
C155	C-EAW4R7M2HT2	LYTIC,4.7UF +−20% 50V	1
C156	C-EAW4R7M2HT2	LYTIC,4.7UF +−20% 50V	1
C161	C-EAW221M1IT2	LYTIC,220UF +−20% 6.3V	1
C162	C-EAW221M1IT2	LYTIC,220UF +−20% 6.3V	1
C163	C-EAW100M2CT2	LYTIC,10UF +−20% 16V	1
C164	C-EAW100M2CT2	LYTIC,10UF +−20% 16V	1
C192	C-EAW101M2CT2	LYTIC,100UF +−20% 16V	1
R151	401 024 7400	CARBON 10K JA 1/6W	1
R152	401 024 7400	CARBON 10K JA 1/6W	1
R153	401 025 0004	CARBON 120K JA 1/6W	1
R154	401 025 0004	CARBON 120K JA 1/6W	1
R155	401 026 3707	CARBON 33 JA 1/6W	1
R156	401 026 3707	CARBON 33 JA 1/6W	1
R157,158	401 026 9907	CARBON 4.7K JA 1/6W	2
R159	401 026 7002	CARBON 3.9K JA 1/6W	1
R160	401 026 7002	CARBON 3.9K JA 1/6W	1
R161	401 026 9907	CARBON 4.7K JA 1/6W	1
R162	401 026 9907	CARBON 4.7K JA 1/6W	1
R163	401 026 1000	CARBON 2.7K JA 1/6W	1
R164	401 026 1000	CARBON 2.7K JA 1/6W	1
R165	401 025 8208	CARBON 22K JA 1/6W	1
R166	401 025 8208	CARBON 22K JA 1/6W	1
R167	401 027 5205	CARBON 680 JA 1/6W	1
R168	401 027 2303	CARBON 560 JA 1/6W	1
R169	401 027 2303	CARBON 560 JA 1/6W	1
R170	401 027 2303	CARBON 560 JA 1/6W	1
R272	401 024 7400	CARBON 10K JA 1/6W	1
R273	401 024 7400	CARBON 10K JA 1/6W	1
IC203	E-M51544AL	IC	1
Q205,206, 217	E-JC501R-T	TRANSISTOR } or	3
	E-2SC536AG-AC	TRANSISTOR }	
CP5	R-S27781-6	PLUG, 6P	1
TP101	R-S27781-3	PLUG, 3P	1
S101	R-S470436	SLIDE SWITCH, R/P SW	1
S102	R-S470184-1	SLIDE SWITCH, A/B/HI SW	1
S103	R-S470183-1	SLIDE SWITCH, TAPE SEL SW	1
S102	R-1172304	LEVER	1
S103	R-1172304	LEVER	1
SVR103	R-R1107130-16	PRESET RESISTOR, 47K	1
SVR104	R-R1107130-16	PRESET RESISTOR, 47K	1
L201	R-W17057-2	TRAP COIL	1
L202	R-W17057-2	TRAP COIL	1
C169	C-KBQ102K2HT1	CERAMIC,0.001UF +−10% 50V	1
C170	C-KBQ102K2HT1	CERAMIC,0.001UF +−10% 50V	1
C171	C-KXQ152M2CT1	CERAMIC,0.0015UF +−20%16V	1
C172	C-KXQ152M2CT1	CERAMIC,0.0015UF +−20%16V	1
C179	C-KBQ471K2HT1	CERAMIC,470PF +−10% 50V	1
C180	C-KBQ471K2HT1	CERAMIC,470PF +−10% 50V	1
C185	C-KBQ101K2HT1	CERAMIC,100PF +−10% 50V	1
C186	C-KBQ101K2HT1	CERAMIC,100PF +−10% 50V	1
C175	C-BM273J2ET2	SBL,0.027UF +−5% 25V	1
C176	C-BM273J2ET2	SBL,0.027UF +−5% 25V	1
C187	C-BM153J2ET2	SBL,0.015UF +−5% 25V	1
C188	C-BM153J2ET2	SBL,0.015UF +−5% 25V	1
C173	C-EAW4R7M2HT2	LYTIC,4.7UF +−20% 50V	1
C174	C-EAW4R7M2HT2	LYTIC,4.7UF +−20% 50V	1
C177	C-EAW221M1IT2	LYTIC,220UF +−20% 6.3V	1
C178	C-EAW221M1IT2	LYTIC,220UF +−20% 6.3V	1
C181	C-EAW100M2CT2	LYTIC,10UF +−20% 16V	1
C182	C-EAW100M2CT2	LYTIC,10UF +−20% 16V	1
C183	C-EAW100M2CT2	LYTIC,10UF +−20% 16V	1
C184	C-EAW100M2CT2	LYTIC,10UF +−20% 16V	1
C189	C-EAW101M2CT2	LYTIC,100UF +−20% 16V	1
C190	C-EAW101M2CT2	LYTIC,100UF +−20% 16V	1
C191	C-EAW470M2CT2	LYTIC,47UF +−20% 16V	1
R171	401 026 7002	CARBON 3.9K JA 1/6W	1
R172	401 026 7002	CARBON 3.9K JA 1/6W	1
R173	401 026 7408	CARBON 39K JA 1/6W	1
R174	401 026 7408	CARBON 39K JA 1/6W	1
R175	401 024 6403	CARBON 10 JA 1/6W	1
R176	401 024 6403	CARBON 10 JA 1/6W	1
R177	401 027 2600	CARBON 5.6K JA 1/6W	1
R178	401 027 2600	CARBON 5.6K JA 1/6W	1
R179	401 026 9907	CARBON 4.7K JA 1/6W	1

Ref.No	PART No.	DESCRIPTION	Q'ty
R180	401 026 9907	CARBON 4.7K JA 1/6W	1
R181	401 025 0004	CARBON 120K JA 1/6W	1
R182	401 025 0004	CARBON 120K JA 1/6W	1
R183	401 027 2105	CARBON 56 JA 1/6W	1
R184	401 027 2105	CARBON 56 JA 1/6W	1
R185	401 026 3707	CARBON 33 JA 1/6W	1
R186	401 026 3707	CARBON 33 JA 1/6W	1
R187	401 027 0309	CARBON 47K JA 1/6W	1
R188	401 027 0309	CARBON 47K JA 1/6W	1
R189	401 026 4308	CARBON 3.3K JA 1/6W	1
R190	401 026 4308	CARBON 3.3K JA 1/6W	1
R191	401 026 9907	CARBON 4.7K JA 1/6W	1
R192	401 026 9907	CARBON 4.7K JA 1/6W	1
R193	401 025 8208	CARBON 22K JA 1/6W	1
R194	401 025 8208	CARBON 22K JA 1/6W	1
R195	401 024 7400	CARBON 10K JA 1/6W	1
R196	401 024 7400	CARBON 10K JA 1/6W	1
R197	401 016 6503	CARBON 2.2M JA 1/4W	1
R198	401 027 5205	CARBON 680 JA 1/6W	1
R200	401 024 7400	CARBON 10K JA 1/6W	1
R201	401 024 7707	CARBON 100K JA 1/6W	1
R202	401 024 9305	CARBON 1.2K JA 1/6W	1
IC204	E-TA7629P	IC	1
IC205	E-TA7629P	IC	1
S104	R-S470183-1	SLIDE SWITCH, DOLBY SWITCH	1
	R-1172304	LEVER	1
D204,205, 207-210, 220	E-1SS176-T	DIODE } or	7
	E-GMA01-AT	DIODE }	
TP102	R-S27781-3	PLUG, 3P	1
L203	R-M1754	MPX COIL	1
L204	R-M1754	MPX COIL	1
SVR105	R-R1107130-14	PRESET RESISTOR, 22K	1
SVR106	R-R1107130-14	PRESET RESISTOR, 22K	1
C203	C-BM473J2ET2	SBL,0.047UF +−5% 25V	1
C204	C-BM473J2ET2	SBL,0.047UF +−5% 25V	1
C213	C-BM562J2ET2	SBL,0.0056UF +−5% 25V	1
C214	C-BM562J2ET2	SBL,0.0056UF +−5% 25V	1
C215	C-BM472J2ET2	SBL,0.0047UF +−5% 25V	1
C216	C-BM472J2ET2	SBL,0.0047UF +−5% 25V	1
C217	C-BM273J2ET2	SBL,0.027UF +−5% 25V	1
C218	C-BM273J2ET2	SBL,0.027UF +−5% 25V	1
C219	C-KBQ561K2HT1	CERAMIC,560PF +−10% 50V	1
C220	C-KBQ561K2HT1	CERAMIC,560PF +−10% 50V	1
C193	C-EAW1R0M2HT2	LYTIC,1UF +−20% 50V	1
C194	C-EAW1R0M2HT2	LYTIC,1UF +−20% 50V	1
C195	C-EAW221M2CT2	LYTIC,220UF +−20% 16V	1
C196	C-EAW221M2CT2	LYTIC,220UF +−20% 16V	1
C197	C-EAWR33M2HT2	LYTIC,0.33UF +−20% 50V	1
C198	C-EAWR33M2HT2	LYTIC,0.33UF +−20% 50V	1
C199	C-EAWR10M2HT2	LYTIC,0.1UF +−20% 50V	1
C200	C-EAWR10M2HT2	LYTIC,0.1UF +−20% 50V	1
C201	C-EAW100M2CT2	LYTIC,10UF +−20% 16V	1
C202	C-EAW100M2CT2	LYTIC,10UF +−20% 16V	1
C205	C-EAW100M2CT2	LYTIC,10UF +−20% 16V	1
C206	C-EAW100M2CT2	LYTIC,10UF +−20% 16V	1
C207	C-EAW100M2CT2	LYTIC,10UF +−20% 16V	1
C208	C-EAW100M2CT2	LYTIC,10UF +−20% 16V	1
C209	C-EAW1R0M2HT2	LYTIC,1UF +−20% 50V	1
C210	C-EAW1R0M2HT2	LYTIC,1UF +−20% 50V	1
C211	C-EAW100M2CT2	LYTIC,10UF +−20% 16V	1
C212	C-EAW100M2CT2	LYTIC,10UF +−20% 16V	1
C248	C-EAW221M2CT2	LYTIC,220UF +−20% 16V	1
C249	C-EAWR47M2HT2	LYTIC,0.47UF +−20% 50V	1
R203	401 025 2305	CARBON 150K JA 1/6W	1
R204	401 025 2305	CARBON 150K JA 1/6W	1
R205	401 026 4308	CARBON 3.3K JA 1/6W	1
R206	401 026 4308	CARBON 3.3K JA 1/6W	1
R207	401 024 7707	CARBON 100K JA 1/6W	1
R208	401 024 7707	CARBON 100K JA 1/6W	1
R209	401 026 1604	CARBON 270K JA 1/6W	1
R210	401 026 1604	CARBON 270K JA 1/6W	1
R211	401 027 0309	CARBON 47K JA 1/6W	1
R212	401 027 0309	CARBON 47K JA 1/6W	1
R213	401 025 3807	CARBON 180 JA 1/6W	1
R214	401 025 3807	CARBON 180 JA 1/6W	1
R215	401 026 1000	CARBON 2.7K JA 1/6W	1
R216	401 026 1000	CARBON 2.7K JA 1/6W	1
R217	401 027 5502	CARBON 6.8K JA 1/6W	1

NOTES: 1. Part orders must contain Model Number, Part Number and Description.
2. Ordering quantity of screws and resistors must be multiple of 10 pcs.

PARTS LIST (CONTINUED)

Ref.No	PART No.	DESCRIPTION	Q'ty
R218	401 027 5502	CARBON 6.8K JA 1/6W	1
R219	401 026 1307	CARBON 27K JA 1/6W	1
R220	401 026 1604	CARBON 270K JA 1/6W	1
R221	401 026 7002	CARBON 3.9K JA 1/6W	1
R222	401 025 7805	CARBON 2.2K JA 1/6W	1
R223	401 025 7805	CARBON 2.2K JA 1/6W	1
R224	401 024 9305	CARBON 1.2K JA 1/6W	1
R199	401 069 1807	OXIDE-MT 68 JB 2W	1
Q207,208	E-2SC536AG-AC E-JC501R-T	TRANSISTOR } or TRANSISTOR }	2
IC206	E-M74LS05P E-SN74LS05N E-HD74LS05P	TTL TTL } or TTL	1
L205	R-W67029-9	CHOKE COIL	1
L206	R-W67029-9	CHOKE COIL	1
C225	C-CJQ100J2HT1	CERAMIC,10PF +-5% 50V	1
C226	C-CJQ100J2HT1	CERAMIC,10PF +-5% 50V	1
C231	C-KBQ681K2HT1	CERAMIC,680PF +-10% 50V	1
C232	C-KBQ681K2HT1	CERAMIC,680PF +-10% 50V	1
C233	C-BM472J2ET2	SBL,0.0047UF +-5% 25V	1
C234	C-BM472J2ET2	SBL,0.0047UF +-5% 25V	1
C235	C-BM562J2ET2	SBL,0.0056UF +-5% 25V	1
C236	C-BM562J2ET2	SBL,0.0056UF +-5% 25V	1
C269	C-BM183J2ET2	SBL,0.018UF +-5% 25V	1
C270	C-BM183J2ET2	SBL,0.018UF +-5% 25V	1
C223	C-EAW2R2M2HT2	LYTIC,2.2UF +-20% 50V	1
C224	C-EAW2R2M2HT2	LYTIC,2.2UF +-20% 50V	1
C227	C-EAW100M2CT2	LYTIC,10UF +-20% 16V	1
C228	C-EAW100M2CT2	LYTIC,10UF +-20% 16V	1
C229	C-EAW100M2CT2	LYTIC,10UF +-20% 16V	1
C230	C-EAW100M2CT2	LYTIC,10UF +-20% 16V	1
C237	C-EAW101M2CT2	LYTIC,100UF +-20% 16V	1
R229	401 026 4605	CARBON 33K JA 1/6W	1
R230	401 026 4605	CARBON 33K JA 1/6W	1
R231	401 026 1604	CARBON 270K JA 1/6W	1
R232	401 026 1604	CARBON 270K JA 1/6W	1
R233	401 025 1605	CARBON 1.5K JA 1/6W	1
R234	401 025 1605	CARBON 1.5K JA 1/6W	1
R235	401 024 9701	CARBON 12K JA 1/6W	1
R236	401 024 9701	CARBON 12K JA 1/6W	1
R237	401 025 1308	CARBON 150 JA 1/6W	1
R238	401 025 1308	CARBON 150 JA 1/6W	1
R239	401 024 7400	CARBON 10K JA 1/6W	1
R240	401 024 7400	CARBON 10K JA 1/6W	1
R241	401 025 1902	CARBON 15K JA 1/6W	1
R242	401 025 1902	CARBON 15K JA 1/6W	1
R243	401 024 7004	CARBON 1K JA 1/6W	1
R245	401 027 2303	CARBON 560 JA 1/6W	1
R246	401 009 0709	CARBON 270 JA 1/2W	1
Q209	E-JA101R-T E-2SA1317T-AC	TRANSISTOR } or TRANSISTOR }	1
Q210	E-2SC3400-AC	TRANSISTOR	1
Q211,212	E-2SC536AG-AC E-JC501R-T	TRANSISTOR } or TRANSISTOR }	2
D206,211, 213	E-1SS176-T E-GMA01-AT	DIODE } or DIODE }	3
C238	C-EAWR47M2HT2	LYTIC,0.47UF +-20% 50V	1
R247	401 024 7400	CARBON 10K JA 1/6W	1
R248	401 024 7400	CARBON 10K JA 1/6W	1
R249	401 024 7400	CARBON 10K JA 1/6W	1
R250	401 024 7400	CARBON 10K JA 1/6W	1
R251	401 024 7707	CARBON 100K JA 1/6W	1
R252	401 024 7707	CARBON 100K JA 1/6W	1
R253	401 024 7707	CARBON 100K JA 1/6W	1
R254	401 024 7400	CARBON 10K JA 1/6W	1
R255	401 027 2600	CARBON 5.6K JA 1/6W	1
R256	401 026 9907	CARBON 4.7K JA 1/6W	1
Q213	E-DTC124ES-T	TRANSISTOR	1
Q214	E-2SA950Y-T	TRANSISTOR	1
Q215,216	E-JA101R-T E-2SA1317T-AC	TRANSISTOR } or TRANSISTOR }	2
D212,214, 215	E-1SS176-T E-GMA01-AT	DIODE } or DIODE }	3
D217,218	E-DS135D-AT E-1SR35-200T	DIODE } or DIODE }	2
TP201	R-247493	TERMINAL	1
TP202	R-247493	TERMINAL	1

Ref.No	PART No.	DESCRIPTION	Q'ty
CP7	R-S27781-2	PLUG, 2P	1
CP8	R-S27781-2	PLUG, 2P	1
CP9	R-S27781-7	PLUG, 7P	1
CP10	R-S27781-5	PLUG, 5P	1
SVR109	R-R1107130-6	PRESET RESISTOR, 1K	1
SVR111	R-R1107130-6	PRESET RESISTOR, 1K	1
SVR110	R-R1107130-8	PRESET RESISTOR	1
SVR112	R-R1107130-8	PRESET RESISTOR	1
R272	401 026 9907	CARBON 4.7K JA 1/6W	1
R257	401 025 8703	CARBON 220K JA 1/6W	1
R260	401 025 8703	CARBON 220K JA 1/6W	1
R258	401 025 1308	CARBON 150 JA 1/6W	1
R261	401 025 1308	CARBON 150 JA 1/6W	1
R259	401 025 4200	CARBON 1.8K JA 1/6W	1
R262	401 025 4200	CARBON 1.8K JA 1/6W	1
Q218	E-2SC2240GR-T	TRANSISTOR	1
Q219	E-2SC2120Y-T	TRANSISTOR	1
L207	R-W87125	OSC COIL	1
CP6	R-S27781-2	PLUG, 2P	1
SVR107	R-R1107130-18	PRESET RESISTOR, 100K	1
SVR108	R-R1107130-18	PRESET RESISTOR, 100K	1
C239	C-KBR151K2HT1	CERAMIC,150PF +-10% 50V	1
C240	C-KBR151K2HT1	CERAMIC,150PF +-10% 50V	1
C241	C-CJ331J2HT2	CERAMIC,330PF +-5% 50V	1
C243	C-CJ331J2HT2	CERAMIC,330PF +-5% 50V	1
C242	C-QMZ122J3AT2	MYLAR,0.0012UF +-5% 100V	1
C245	C-BM682K2ET2	SBL,0.0068UF +-10% 25V	1
C246	C-BM682K2ET2	SBL,0.0068UF +-10% 25V	1
C244	C-EAW1R0M2HT2	LYTIC,1UF +-20% 50V	1
C247	C-EAW470M2CT2	LYTIC,47UF +-20% 16V	1
R265	401 024 7004	CARBON 1K JA 1/6W	1
R266	401 027 5007	CARBON 68 JA 1/6W	1
R267	401 024 7400	CARBON 10K JA 1/6W	1
R268	401 026 8108	CARBON 4.7 JA 1/6W	1
R269	401 025 4200	CARBON 1.8K JA 1/6W	1
R270	401 059 6805	OXIDE-MT 180 JB 1W	1
R271	401 060 2803	OXIDE-MT 220 JB 1W	1
REC IND. P.C.B. ASSEMBLY			
63	R-A705577	PC BOARD ASS'Y, RED IND.	1
D219	E-SLP-173B-01	LED	1
CONTROL P.C.B. ASSEMBLY			
64	R-A705882	PC BOARD, CONTROL	1
CS1,2	R-377176-4	HOUSING, 4P	2
	R-257354	TERMINAL	8
FC1	R-S37415-24	PC JOINER, 240MM	1
FC3	R-S37416-24	PC JOINER, 240MM	1
S601-607	R-S47999	KEY SWITCH	7
S608	R-S470437	PUSH SWITCH, FM MODE/BEAT	1
IC601	E-TD6104P	IC	1
IC602	E-TC9147BP	LSI	1
IC603	E-TD6301AP	LSI	1
Q601	E-2SC2839E-AC E-2SC930E-AA	TRANSISTOR } or TRANSISTOR }	1
Q602,604	E-2SC536AG-AC E-JC501R-T	TRANSISTOR } or TRANSISTOR }	2
Q603	E-JA101R-T E-2SA1317T-AC	TRANSISTOR } or TRANSISTOR }	1
D601, 603-605, 617-620, 621	E-1SS176-T E-GMA01-AT	DIODE } or DIODE	9
D602	E-DS135D-AT E-1SR35-200T	DIODE } or DIODE }	1
D606	E-SLP-151B	LED	1
D607	E-SLP-151B	LED	1
D608	E-SLP-151B	LED	1
D609	E-SLP-151B	LED	1
D610	E-SLP-151B	LED	1
D611	E-SLP-151B	LED	1
D614	E-SLP-151B	LED	1
D612	E-SLP-251B	LED	1
D613	E-SLP-251B	LED	1
D616	E-SLP-136C-50	LED	1
D615	E-SL-1043-17T	LED	1

NOTES: 1. Part orders must contain Model Number, Part Number and Description.
2. Ordering quantity of screws and resistors must be multiple of 10 pcs.

PARTS LIST (CONTINUED)

Ref.No	PART No.	DESCRIPTION	Q'ty
X601	R-S17353-1 R-S17353-2	CRYSTAL OSCILLATOR } or CRYSTAL OSCILLATOR }	1
C602	C-KBQ101K2HT1	CERAMIC,100PF +−10% 50V	1
C604	C-KXG103M2CT1	CERAMIC,0.01UF +−20% 16V	1
C606	C-KXG103M2CT1	CERAMIC,0.01UF +−20% 16V	1
C607	C-KXG103M2CT1	CERAMIC,0.01UF +−20% 16V	1
C611	C-KXG103M2CT1	CERAMIC,0.01UF +−20% 16V	1
C605	C-CJQ150J2HT1	CERAMIC,15PF +−5% 50V	1
C612	C-CJQ180J2HT1	CERAMIC,18PF +−5% 50V	1
C613	C-CJQ180J2HT1	CERAMIC,18PF +−5% 50V	1
C619	C-KBQ102K2HT1	CERAMIC,0.001UF +−10% 50V	1
C620	C-KBQ102K2HT1	CERAMIC,0.001UF +−10% 50V	1
C621	C-KBQ102K2HT1	CERAMIC,0.001UF +−10% 50V	1
C634	C-KB102K2HN2	CERAMIC,0.001UF +−10% 50V	1
C603	C-EAW331M1IT2	LYTIC,330UF +−20% 6.3V	1
C608	C-EAW101M1IT2	LYTIC,100UF +−20% 6.3V	1
C609	C-EAW1R0M2HT2	LYTIC,1UF +−20% 50V	1
C610	C-EAW101M1IT2	LYTIC,100UF +−20% 6.3V	1
C614	C-EAW1R0M2HN2	LYTIC,1UF +−20% 50V	1
C615	C-EAW1R0M2HN2	LYTIC,1UF +−20% 50V	1
C616	C-EAW1R0M2HN2	LYTIC,1UF +−20% 50V	1
C617	C-EAWR33M2HT2	LYTIC,0.33UF +−20% 50V	1
C618	C-EAWR22M2HT2	LYTIC,0.22UF +−20% 50V	1
R601	401 027 2600	CARBON 5.6K JA 1/6W	1
R602	401 026 1307	CARBON 27K JA 1/6W	1
R603	401 025 7409	CARBON 220 JA 1/6W	1
R604	401 026 1307	CARBON 27K JA 1/6W	1
R605	401 024 7400	CARBON 10K JA 1/6W	1
R606	401 025 8208	CARBON 22K JA 1/6W	1
R607	401 026 4308	CARBON 3.3K JA 1/6W	1
R608	401 025 7805	CARBON 2.2K JA 1/6W	1
R609	401 024 7004	CARBON 1K JA 1/6W	1
R610	401 026 0607	CARBON 270 JA 1/6W	1
R611	401 027 2303	CARBON 560 JA 1/6W	1
R612	401 026 1604	CARBON 270K JA 1/6W	1
R613	401 026 1604	CARBON 270K JA 1/6W	1
R614	401 026 3905	CARBON 330 JA 1/6W	1
R615	401 025 3807	CARBON 180 JA 1/6W	1
R616	401 026 1000	CARBON 2.7K JA 1/6W	1
R617	401 026 1000	CARBON 2.7K JA 1/6W	1
R618	401 026 1000	CARBON 2.7K JA 1/6W	1
R619	401 026 6609	CARBON 390 JA 1/6W	1
R620	401 025 1308	CARBON 150 JA 1/6W	1
R621	401 025 1308	CARBON 150 JA 1/6W	1
R622	401 025 1308	CARBON 150 JA 1/6W	1
R623	401 026 3905	CARBON 330 JA 1/6W	1
R624	401 026 1307	CARBON 27K JA 1/6W	1
R625	401 027 2303	CARBON 560 JA 1/6W	1

UP DOWN P.C.B. ASSEMBLY

65	R-A705159	PC BOARD ASS'Y, UP DOWN	1
S611	R-S47999	KEY SWITCH	1
S612	R-S47999	KEY SWITCH	1
FC601	R-S37413-17	PC JOINER, 170MM 3P	1

G.EQ. P.C.B. ASSEMBLY

66	R-A705161	PC BOARD ASS'Y, G.EQ.	1
Q311,411	E-2SC1740SLNST E-2SC536AG-AC	TRANSISTOR } or TRANSISTOR }	2
VR312, 412	R-R145753	SLIDE VOLUME, 50KX2	1
VR311, 411	R-R1307010	SLIDE VOLUME, 100K	1
VR313-317, VR413-417	R-R1307009	SLIDE VOLUME, 100KX2	5
R311	401 025 1902	CARBON 15K JA 1/6W	1
R411	401 025 1902	CARBON 15K JA 1/6W	1
R312	401 025 1902	CARBON 15K JA 1/6W	1
R412	401 025 1902	CARBON 15K JA 1/6W	1
R314	401 025 1902	CARBON 15K JA 1/6W	1
R414	401 025 1902	CARBON 15K JA 1/6W	1
R313	401 025 4903	CARBON 180K JA 1/6W	1
R413	401 025 4903	CARBON 180K JA 1/6W	1
R317	401 026 4308	CARBON 3.3K JA 1/6W	1
R417	401 026 4308	CARBON 3.3K JA 1/6W	1

Ref.No	PART No.	DESCRIPTION	Q'ty
R320	401 025 1605	CARBON 1.5K JA 1/6W	1
R420	401 025 1605	CARBON 1.5K JA 1/6W	1
R323	401 025 1605	CARBON 1.5K JA 1/6W	1
R423	401 025 1605	CARBON 1.5K JA 1/6W	1
R326	401 025 1605	CARBON 1.5K JA 1/6W	1
R426	401 025 1605	CARBON 1.5K JA 1/6W	1
R316	401 025 7805	CARBON 2.2K JA 1/6W	1
R416	401 025 7805	CARBON 2.2K JA 1/6W	1
R319,419	401 025 7805	CARBON 2.2K JA 1/6W	2
R322,422	401 025 7805	CARBON 2.2K JA 1/6W	2
R325,425	401 025 7805	CARBON 2.2K JA 1/6W	2
R330,430	401 025 7805	CARBON 2.2K JA 1/6W	2
R327	401 026 1604	CARBON 270K JA 1/6W	1
R427	401 026 1604	CARBON 270K JA 1/6W	1
R328	401 026 4902	CARBON 330K JA 1/6W	1
R428	401 026 4902	CARBON 330K JA 1/6W	1
R329	401 026 9303	CARBON 47 JA 1/6W	1
R429	401 026 9303	CARBON 47 JA 1/6W	1
R331	401 026 9907	CARBON 4.7K JA 1/6W	1
R431	401 026 9907	CARBON 4.7K JA 1/6W	1
C320	C-KBQ561K2HT1	CERAMIC,560PF +−10% 50V	1
C420	C-KBQ561K2HT1	CERAMIC,560PF +−10% 50V	1
C311	C-BM333K2ET2	SBL,0.033UF +−10% 25V	1
C411	C-BM333K2ET2	SBL,0.033UF +−10% 25V	1
C312	C-BM333K2ET2	SBL,0.033UF +−10% 25V	1
C412	C-BM333K2ET2	SBL,0.033UF +−10% 25V	1
C314	C-BM393K2ET2	SBL,0.039UF +−10% 25V	1
C414	C-BM393K2ET2	SBL,0.039UF +−10% 25V	1
C313	C-BM393K2ET2	SBL,0.039UF +−10% 25V	1
C413	C-BM393K2ET2	SBL,0.039UF +−10% 25V	1
C317	C-QMU223K2HT2	MYLAR,0.022UF +−10% 50V	1
C417	C-QMU223K2HT2	MYLAR,0.022UF +−10% 50V	1
C316	C-QMU123K2HT2	MYLAR,0.012UF +−10% 50V	1
C416	C-QMU123K2HT2	MYLAR,0.012UF +−10% 50V	1
C319	C-QMB472K2HT2	MYLAR,0.0047UF +−10% 50V	1
C419	C-QMB472K2HT2	MYLAR,0.0047UF +−10% 50V	1
C318	C-QMB222K2HT2	MYLAR,0.0022UF +−10% 50V	1
C418	C-QMB222K2HT2	MYLAR,0.0022UF +−10% 50V	1
C315	C-BM333K2ET2	SBL,0.033UF +−10% 25V	1
C415	C-BM333K2ET2	SBL,0.033UF +−10% 25V	1
C321	C-EAW100M2CT2	LYTIC,10UF +−20% 16V	1
C421	C-EAW100M2CT2	LYTIC,10UF +−20% 16V	1
C322	C-EAW100M2CT2	LYTIC,10UF +−20% 16V	1
C422	C-EAW100M2CT2	LYTIC,10UF +−20% 16V	1
C352	C-EAW101M2ET2	LYTIC,100UF +−20% 25V	1
FC2	R-S37417-25	PC JOINER, 250MM	1
R315	401 026 4308	CARBON 3.3K JA 1/6W	1
R415	401 026 4308	CARBON 3.3K JA 1/6W	1
R318	401 026 4308	CARBON 3.3K JA 1/6W	1
R418	401 026 4308	CARBON 3.3K JA 1/6W	1
R321	401 026 4308	CARBON 3.3K JA 1/6W	1
R324,424	401 026 4308	CARBON 3.3K JA 1/6W	2
R421	401 026 4308	CARBON 3.3K JA 1/6W	1
R352	401 027 2303	CARBON 560 JA 1/6W	1

AMP P.C.B. ASSEMBLY

68	R-A705856	PC BOARD ASS'Y, AMP	1
	R-247493	TERMINAL	8
F501 ⚠	R-S17286	FUSE, 3.15A 250V	1
F502 ⚠	R-S17252	FUSE, 1.6A 250V	1
F503 ⚠	R-S17252	FUSE, 1.6A 250V	1
	R-S17024	FUSE HOLDER	6
JK1	R-S27438-4	JACK, HEAD PHONE	1
FS501	R-S27440-2	SOCKET, 10P	1
D515	E-GZA18X-AT	ZENER DIODE	1
Q501	E-2SD1406GR	TRANSISTOR	1
Q503	E-2SD1406GR	TRANSISTOR	1
Q502,521, 522	E-2SC536AG-AA	TRANSISTOR } or	3
	E-2SC536AG-AC	TRANSISTOR }	
	E-JC501R-T	TRANSISTOR	
D501	E-S2V20	DIODE	1
D502	E-S2V20	DIODE	1
D503	E-S2V20	DIODE	1
D504	E-S2V20	DIODE	1
D508 ⚠	E-DS135D-KB1	DIODE	1
D509 ⚠	E-DS135D-KB1	DIODE	1
D510 ⚠	E-DS135D-KB1	DIODE	1

NOTES: 1. Part orders must contain Model Number, Part Number and Description.
2. Ordering quantity of screws and resistors must be multiple of 10 pcs.

PARTS LIST (CONTINUED)

Ref.No	PART No.	DESCRIPTION	Q'ty
D511 ⚠	E-DS135D-KB1	DIODE	1
D512 ⚠	E-DS135D-KB1	DIODE	1
D514,507	E-GMA01-AT	DIODE } or	2
	E-1SS176-T	DIODE }	
D505	E-GZA15Z	ZENER DIODE	1
D506	E-GZA7R5X-AT	ZENER DIODE	1
D513	E-GZA6R2Z-AT	ZENER DIODE	1
R503	401 024 6700	CARBON 100 JA 1/6W	1
R513	401 024 6700	CARBON 100 JA 1/6W	1
R506	401 024 7707	CARBON 100K JA 1/6W	1
R507	401 024 7707	CARBON 100K JA 1/6W	1
R523	401 024 9305	CARBON 1.2K JA 1/6W	1
R524	401 024 9305	CARBON 1.2K JA 1/6W	1
R511	401 025 1605	CARBON 1.5K JA 1/6W	1
R502	401 021 3009	CARBON 5.6K JA 1/4W	1
R505	401 020 2003	CARBON 4.7K JA 1/4W	1
R504	402 017 8701	FUSIBLE RES 10 J- 1/2W } or	1
	402 022 4804	FUSIBLE RES 10 J- 1/2W }	
R509	402 018 0001	FUSIBLE RES 2.2 J- 1/2W } or	1
	402 017 6301	FUSIBLE RES 2.2 J- 1/2W }	
R510	402 022 3609	FUSIBLE RES 15 J- 1/4W } or	1
	402 022 4903	FUSIBLE RES 15 J- 1/4W }	
C501	C-KZ103Z2HT2	CERAMIC,0.01UF +80−20%50V	1
C503	C-KZ103Z2HT2	CERAMIC,0.01UF +80−20%50V	1
C513	C-KZ103Z2HT2	CERAMIC,0.01UF +80−20%50V	1
C514	C-KZ103Z2HT2	CERAMIC,0.01UF +80−20%50V	1
C506	C-EAW222M2HN2	LYTIC,2200UF +−20% 50V	1
C515	C-EAW102M6FN2	LYTIC,1000UF +−20% 35V	1
C520	C-EAW102M2EN2	LYTIC,1000UF +−20% 25V	1
C507	C-EAW331M2EN2	LYTIC,330UF +−20% 25V	1
C512	C-EAW100M2CT2	LYTIC,10UF +−20% 16V	1
C539	C-EAW221M1IT2	LYTIC,220UF +−20% 6.3V	1
C510	C-EAW330M2CT2	LYTIC,33UF +−20% 16V	1
C500	C-EAW100M2CT2	LYTIC,10UF +−20% 16V	1
IC501	E-STK-4362	HYBRID IC	1
R537	401 024 9305	CARBON 1.2K JA 1/6W	1
R538	401 024 9305	CARBON 1.2K JA 1/6W	1
R521	401 024 9305	CARBON 1.2K JA 1/6W	1
R522	401 024 9305	CARBON 1.2K JA 1/6W	1
R525	401 026 7606	CARBON 390K JA 1/6W	1
R526	401 026 7606	CARBON 390K JA 1/6W	1
R527	401 025 8703	CARBON 220K JA 1/6W	1
R528	401 025 8703	CARBON 220K JA 1/6W	1
R529	401 025 8703	CARBON 220K JA 1/6W	1
R530	401 025 8703	CARBON 220K JA 1/6W	1
R531	401 024 9008	CARBON 120 JA 1/6W	1
R532	401 024 9008	CARBON 120 JA 1/6W	1
R533	401 024 9701	CARBON 12K JA 1/6W	1
R534	401 024 9701	CARBON 12K JA 1/6W	1
R541	402 017 9500	FUSIBLE RES 100 J- 1/2W } or	1
	402 017 5908	FUSIBLE RES 100 J- 1/2W }	
R535	401 058 1207	OXIDE-MT 10 JB 1W	1
R536	401 058 1207	OXIDE-MT 10 JB 1W	1
R539	401 060 7501	OXIDE-MT 270 JB 1W	1
R540	401 060 7501	OXIDE-MT 270 JB 1W	1
C523	C-KBR471K2HT1	CERAMIC,470PF +−10% 50V	1
C524	C-KBR471K2HT1	CERAMIC,470PF +−10% 50V	1
C563	C-KB821K2HT1	CERAMIC,820PF +−10% 50V	1
C564	C-KB821K2HT1	CERAMIC,820PF +−10% 50V	1
C561	C-KZ473Z2HN2	CERAMIC,0.047UF+80−20%50V	1
C562	C-KZ473Z2HN2	CERAMIC,0.047UF+80−20%50V	1
C535	C-QMB473M2HT2	MYLAR,0.047UF +−20% 50V	1
C536	C-QMB473M2HT2	MYLAR,0.047UF +−20% 50V	1
C521	C-EAWR47M2HT2	LYTIC,0.47UF +−20% 50V	1
C522	C-EAWR47M2HT2	LYTIC,0.47UF +−20% 50V	1
C525	C-EAW221M6FN2	LYTIC,220UF +−20% 35V	1
C526	C-EAW221M6FN2	LYTIC,220UF +−20% 35V	1
C527	C-EAW100M2HT2	LYTIC,10UF +−20% 50V	1
C528	C-EAW100M2HT2	LYTIC,10UF +−20% 50V	1
C533	C-EAW470M6FT2	LYTIC,47UF +−20% 35V	1
C534	C-EAW470M6FT2	LYTIC,47UF +−20% 35V	1
C531	C-EAW102M6FN2	LYTIC,1000UF +−20% 35V	1
C532	C-EAW102M6FN2	LYTIC,1000UF +−20% 35V	1
C537	C-EAW221M2HN2	LYTIC,220UF +−20% 50V	1
JK2	R-S27290	JACK, MIC	1

Ref.No	PART No.	DESCRIPTION	Q'ty
Q551	E-2SC536AG-NP	TRANSISTOR }	
	E-2SC536AG-SP	TRANSISTOR } or	1
	E-2SC1740LNS	TRANSISTOR }	
R551	401 026 6609	CARBON 390 JA 1/6W	1
R552	401 025 7805	CARBON 2.2K JA 1/6W	1
R553	401 024 7707	CARBON 100K JA 1/6W	1
R554	401 025 8703	CARBON 220K JA 1/6W	1
R555	401 024 6403	CARBON 10 JA 1/6W	1
C553	C-KBR151K2HT1	CERAMIC,150PF +−10% 50V	1
C555	C-KBR102K2HT1	CERAMIC,0.001UF +−10% 50V	1
C551	C-EAW101M2CT2	LYTIC,100UF +−20% 16V	1
C552	C-EAW100M2CT2	LYTIC,10UF +−20% 16V	1
C554	C-EAW2R2M2HT2	LYTIC,2.2UF +−20% 50V	1
FILTER P.C.B. ASSEMBLY			
70	R-A705618	PC BOARD ASS'Y, FILTER	1
L701	R-W17004	CHOKE COIL, 40UH	1
L702	R-W17004	CHOKE COIL, 40UH	1
	R-237188	LUG	4
F701	R-S17184	FUSE, 500MA 250V	1
	R-S17024	FUSE HOLDER	2
SP.FILTER P.C.B. ASSEMBLY			
71	R-A702948	PC BOARD ASS'Y, SP. FILTE	1
SP	R-S17636-1	TERMINAL PLATE	1
L731	R-W6754-1	CHOKE COIL	1
L732	R-W6754-1	CHOKE COIL	1
	R-247493	TERMINAL	1
R731	401 019 6203	CARBON 4.7 JA 1/4W	1
R732	401 019 6203	CARBON 4.7 JA 1/4W	1
C731	C-BT473K2EN2	SBL,0.047UF +−10% 25V	1
C732	C-BT473K2EN2	SBL,0.047UF +−10% 25V	1
C733	C-BT473K2EN2	SBL,0.047UF +−10% 25V	1
C734	C-BT473K2EN2	SBL,0.047UF +−10% 25V	1
AUX/ANT P.C.B. ASSEMBLY			
72	R-A705578	PC BOARD ASS'Y, AUX/ANT	1
AM/FMANT	R-S17649-2	TERMINAL PLATE	1
AUX	R-S17634-1	TERMINAL PLATE	1
R821	401 025 4200	CARBON 1.8K JA 1/6W	1
R822	401 025 4200	CARBON 1.8K JA 1/6W	1
C821	C-KB681K2HN2	CERAMIC,680PF +−10% 50V	1
C822	C-KB681K2HN2	CERAMIC,680PF +−10% 50V	1

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